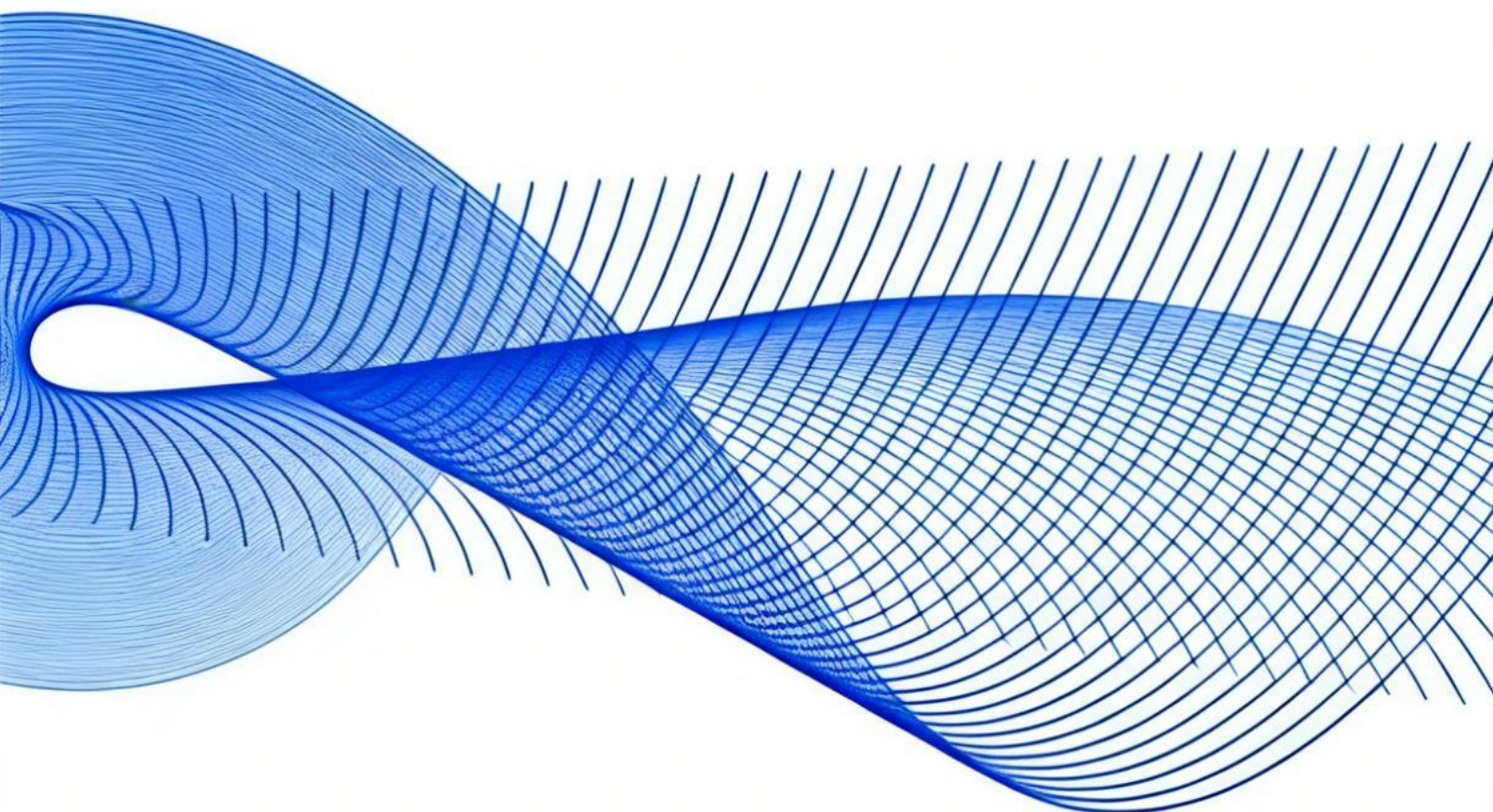


# Hangzhou GT Rail Traffic Equipment Co., Ltd

**IVH Drive: Global Power Transmission Solutions**



**R/F/K/S Series Helical Gear Reducer Catalogue**

## About Us

IVH DRIVE was founded in 2011 and headquartered in Hangzhou, is a National High-Tech Enterprise integrating R&D, manufacturing, and sales. With over 150 employees (15% in R&D) and a 32,000 m<sup>2</sup> smart production base, the company achieves an annual turnover of 150 million RMB (with 30% from exports), maintaining steady growth. Holding prestigious international certifications such as CE, UL, and CSA, IVH DRIVE is committed to providing domestic alternatives for high-end transmission equipment, delivering high-efficiency and high-stability power solutions for the global rail traffic and industrial sectors. Our products are widely utilized in diverse industries, including smart logistics, food packaging, energy & mining, and construction machinery. To date, we have exported to 25 countries, with a business footprint spanning Europe, North America, Southeast Asia, and the Middle East, making us your trusted partner for industrial power.

**2011**

SINCE

**25+**

EXPORT COUNTRIES

**40+**

PRODUCT COVERAGE

**8**

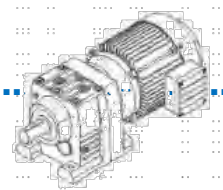
FACTORIES DISTRIBUTION



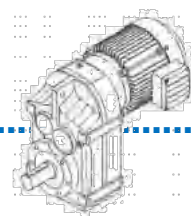


## Product Content

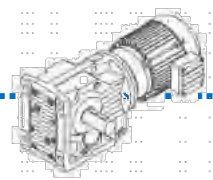
**1.R Series Helical Gear Reducer.....2**



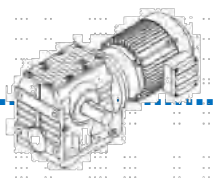
**2.F Series Parallel Shaft Helical Gear Reducer.....71**



**3.K Series Helical Bevel Gear Reducer.....118**



**4.S Series Helical Worm Gear Reducer.....171**



## Product Picture:

R系列斜齿轮减速机 / R Series Helical Gear Reducer



F系列平行轴-斜齿轮减速机 / F Series Parallel Shaft Helical Gear Reducer



K系列斜齿轮-伞齿轮减速机 / K Series Helical Bevel Gear Reducer



S系列斜齿轮-蜗轮蜗杆减速机 / S Series Helical Worm Gear Reducer





## R Series Helical Gear Reducer



# 型号说明 Model Notes

## 减速电机符号说明

| <b>R</b>                                                                           | <b>F</b>                                                                                             | <b>67</b>                         | <b>II</b>                                                                                      | <b>D</b>                                                                                                                                 | <b>80</b>                           | <b>N</b>                               | <b>4</b>                      | <b>BMG</b>                            | <b>HF</b>                                                                | <b>TF</b>                                                                          | <b>128.97</b>                              | <b>M1</b>                          | <b>180°</b>                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------|---------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------|--------------------------------------------------------------|
| <b>1</b>                                                                           | <b>2</b>                                                                                             | <b>3</b>                          | <b>4</b>                                                                                       | <b>5</b>                                                                                                                                 | <b>6</b>                            | <b>7</b>                               | <b>8</b>                      | <b>9</b>                              | <b>10</b>                                                                | <b>11</b>                                                                          | <b>12</b>                                  | <b>13</b>                          | <b>14</b>                                                    |
| <b>1 产品代码</b><br>R--斜齿轮减速电机<br>F--平行轴-斜齿轮减速电机<br>K--斜齿轮-伞齿轮减速电机<br>S--斜齿轮-蜗轮蜗杆减速电机 | <b>2 装配型式</b><br>无代码--底脚安装<br>F--法兰安装<br>..F--底脚法兰安装<br>M--法兰安装带加长轴承箱<br>X--底脚安装单级传动<br>XF--法兰安装单级传动 | <b>3 减速机规格号</b><br>67--减速机规格号为 67 | <b>4 法兰盘大小</b><br>无代码--无法兰，或只有一种法兰，或一种以上法兰中的最小法兰<br>II--两种法兰中的大法兰，三种法兰中的中法兰<br>III--三种法兰中的最大法兰 | <b>5 电动机</b><br>D--三相异步电动机(IP54)<br>YB--隔爆型三相异步电动机<br>YGP--铝壳变频调速三相异步电动机<br>YZP--冶金、起重变频调速三相异步电动机<br>YVP--变频调速三相异步电动机<br>YD--变频多速三相异步电动机 | <b>6 电动机规格代号</b><br>80--电机中心高为 80mm | <b>7 电动机定子铁心长度代号</b><br>D、K、N、S、M、ML、L | <b>8 电动机极数</b><br>4--电动机极数为 4 | <b>9 制动器</b><br>无代码--无制动器<br>BMG--制动器 | <b>10 手动释放装置</b><br>无代码--无手动释放装置<br>HF--手动释放锁在制动释放位置<br>HR--手动释放自动返回制动位置 | <b>11 电机热保护</b><br>无代码--无电机热保护<br>TF--热敏电阻保护装置<br>PTC热敏电阻<br>TH--恒温器保护装置<br>双金属片开关 | <b>12 减速机传动比</b><br>128.97--减速机传动比为 128.97 | <b>13 安装位置</b><br>M1--安装型式图中 M1 位置 | <b>14 接线盒位置</b><br>无代码--安装型式图中 0° 位置<br>180°--安装型式图中 180° 位置 |

## Code Introduction

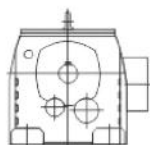
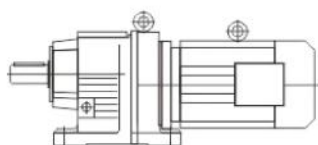
|                                                                                                                                                                             |                                                                                                                                                                                                                                |                                                         |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 Product Code</b><br>R--Helical Geared Motor<br>F--Parallel Shaft-Helical Geared Motor<br>K--Helical-Bevel Geared Motor<br>S--Helical-Worm Geared Motor                 | <b>2 Installation type</b><br>No Code--Feet-mounted<br>F--Flange-mounted<br>..F--Feet and Flange-mounted<br>M--Flange-mounted with extended bearing housing<br>X--Single-stage Feet-mounted<br>XF--Single-stage Flange-mounted | <b>3 Gear Unit Size</b><br>67--Gear Unit Size 67        | <b>4 Flange Size</b><br>I --No Code--No Flange or Only One Flange or The Smallest Flange<br>II --Second Bigger Flange<br>III --Biggest Flange | <b>5 Electric Motor</b><br>D-----Three Phase Asynchronous Motor(IP 54)<br>YB-----Flame-proof Three Phase Asynchronous Motor<br>YGP-----Table Roller Three Phase Asynchronous Motor<br>YZP-----Metallurgy Hoist Frequency Variable Motor<br>YVP-----Frequency Variable Three Phase Motor<br>YD-----Multi Speed Three Phase Motor |
| <b>6 Frame Size</b><br>80--Motor Center Height 80mm                                                                                                                         | <b>7 Stator Length</b><br>D、K、N、S、M、ML、L                                                                                                                                                                                       | <b>8 Number of Poles</b><br>4--4 Poles                  | <b>9 Brake</b><br>No Code--No Brakes<br>BMG--Brakes                                                                                           | <b>10 Brake Release</b><br>No Code--No Brake Release<br>HF--Manual release(lock in the brake release position)<br>Brake Release<br>HR--Manual release(automatic braking position)                                                                                                                                               |
| <b>11 Thermal Protection</b><br>No Code--No Thermistor<br>TF--Thermistor Sensor<br>TF--Thermistor protection (PTC thermistor)<br>TH--Thermostat protection (Bimetal switch) | <b>12 Ratio</b><br>128.97--Ratio 128.97                                                                                                                                                                                        | <b>13 Mounting Position</b><br>M1--Mounting Position M1 | <b>14 Terminal Box Position</b><br>No Code--Terminal Box Position is 0°<br>180° --Terminal Box Position is 180°                               |                                                                                                                                                                                                                                                                                                                                 |

## 设计 方 案

### Versions of geared motors

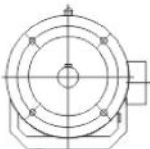
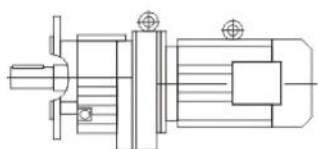
斜齿轮减速电机有以下设计方案：

The following types of helical-bevel motor can be supplied:



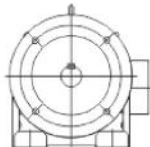
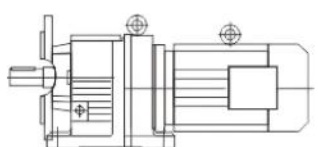
**R..D..**

底脚安装斜齿轮减速电机  
Foot-mounted helical geared motor



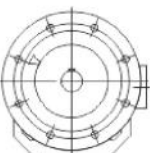
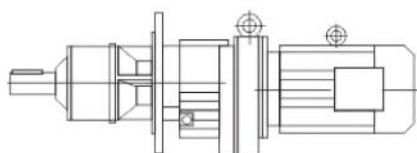
**RF..D..**

法兰安装斜齿轮减速电机  
Flange-mounted helical geared motor



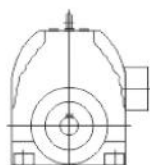
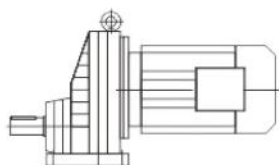
**R..F D..**

底脚法兰安装斜齿轮减速电机  
(仅限于 R17- R87)  
Foot and Flange-mounted helical geared motor



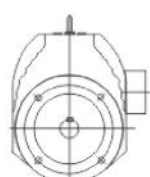
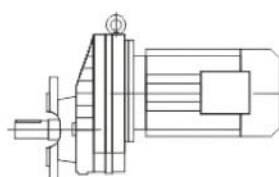
**RM..D..**

法兰安装带加长轴承箱的斜齿轮减速电机  
Flange-mounted helical geared motor with extended bearing housing



**RX..D..**

底脚安装单级斜齿轮减速电机  
Single-stage Foot-mounted helical geared motor



**RXF..D..**

法兰安装单级斜齿轮减速电机  
Single-stage Flange-mounted helical geared motor



## 4.2 可行的组合方式 Type of Combination

以下是斜齿轮减速机与交流 ( 带制动 ) 电机的组合列表。表中给出了每种组合的速比范围。

The below is combination table between gear box and electromotor in each list the ratio range.

| 减速机型号<br>Gear unit size | 级<br>Stages | D63<br>/D71              | D80                          | D90                        | D100                                          | D112                       | D132S                       | D132M                       |
|-------------------------|-------------|--------------------------|------------------------------|----------------------------|-----------------------------------------------|----------------------------|-----------------------------|-----------------------------|
| RX/RXF57                | 1           | 1.65-5.50                | 1.30-4.35                    | 1.30-3.79                  | 1.30-2.64<br>3.14                             | 1.30-2.64                  | 1.30-2.04                   | 1.30-2.04                   |
| RX/RXF67                | 1           | 2.04-6.07                | 1.61-5.18                    | 1.40-4.53                  | 1.40-3.77                                     | 1.40-3.20                  | 1.40-2.54                   | 1.40-2.54                   |
| RX/RXF77                | 1           | 2.70-8.00                | 2.13-6.41                    | 1.42-5.63                  | 1.42-4.73                                     | 1.42-4.04                  | 1.42-3.25                   | 1.42-3.25                   |
| RX/RXF87                | 1           |                          | 3.09-8.65                    | 2.15-7.63                  | 1.60-6.45                                     | 1.60-5.56                  | 1.39-4.50                   | 1.39-4.50                   |
| RX/RXF97                | 1           |                          | 4.04-8.23                    | 2.92-8.23                  | 2.24-8.23                                     | 2.24-7.16                  | 1.42-5.79                   | 1.42-5.79                   |
| RX/RXF107               | 1           |                          |                              |                            | 2.64-6.63                                     | 2.64-6.63                  | 1.71-6.63                   | 1.71-6.63                   |
| R/RF17                  | 2           | 3.83-25.23               | 3.83-19.71                   |                            |                                               |                            |                             |                             |
| R/RF17                  | 3           | 24.07-81.64              | 24.07-81.64                  | 3.37-8.16                  |                                               |                            |                             |                             |
| R/RF27                  | 2           | 3.37-28.37               | 3.37-22.32                   | 10.13-19.35                | 3.37-6.59<br>10.13-15.63                      |                            |                             |                             |
| R/RF27                  | 3           | 24.47-135.09             | 24.47-105.49                 | 24.47-48.17<br>61.30-90.96 | 24.47-32.47<br>39.25<br>61.30<br>74.11        |                            |                             |                             |
| R/RF37                  | 2           | 3.41-28.32               | 3.41-22.27                   | 3.41-19.31                 | 3.41-15.60                                    |                            |                             |                             |
| R/RF37                  | 3           | 24.42-134.82             | 24.42-105.28                 | 24.42-48.08<br>61.18-90.77 | 24.42-32.40<br>39.17<br>61.18<br>73.96        |                            |                             |                             |
| R/RF47                  | 2           | 4.85-7.76<br>10.15-33.79 | 3.83-26.74                   | 3.83-23.28                 | 3.83-16.22<br>19.27                           | 3.83-16.22                 | 3.83-6.00<br>8.01-12.54     | 3.83-6.00<br>8.01-12.54     |
| R/RF47                  | 3           | 29.88-176.88             | 23.59-139.99                 | 23.59-121.87               | 23.59-47.75<br>56-73<br>76.23-84.90<br>100.86 | 23.59-47.75                |                             | 23.59-36.93                 |
| R/RF57                  | 2           | 6.41-9.06<br>11.88-26.31 | 5.05-26.31                   | 4.39-26.31                 | 4.39-21.93                                    | 4.39-18.60                 | 4.39-7.97<br>9.35-14.77     | 4.39-7.97<br>9.35-14.77     |
| R/RF57                  | 3           | 30.18-186.89             | 26.97-147.92                 | 26.97-128.77               | 26.97-48.23<br>57.29<br>80.55-89.71<br>106.58 | 26.97-48.23<br>80.55-89.71 | 26.97-37.30                 | 26.97-37.30                 |
| R/RF67                  | 2           | 6.27-7.79<br>12.70-28.13 | 4.93-7.79<br>10.00-28.13     | 4.29-28.13                 | 4.29-23.44                                    | 4.29-19.89                 | 4.29-15.79                  | 4.29-15.79                  |
| R/RF67                  | 3           | 32.27-199.81             | 28.83-158.14                 | 28.83-137.67               | 28.83-51.56<br>61.26-95.91<br>113.94          | 28.83-51.56<br>69.75-95.91 | 28.83-39.88<br>69.75-74.17  | 28.83-39.88<br>69.75-74.17  |
| R/RF77                  | 2           | 8.59<br>15.60-23.37      | 6.79-8.59<br>12.33-23.37     | 5.31-23.37                 | 5.31-23.37                                    | 5.31-23.37                 | 5.31-18.80                  | 5.31-18.80                  |
| R/RF77                  | 3           | 36.83-195.24             | 29.00-166.59                 | 25.23-145.67               | 25.23-121.42                                  | 25.23-102.99               | 25.23-45.81<br>65.77-81.80  | 25.23-45.81<br>65.77-81.80  |
| R/RF87                  | 2           |                          | 19.10-34.40                  | 7.13-9.14<br>13.33-34.40   | 5.30-34.40                                    | 5.30-34.40                 | 5.30-27.84                  | 5.30-27.84                  |
| R/RF87                  | 3           |                          | 41.74-246.54                 | 27.88-216.54               | 27.88-181.77                                  | 27.88-155.34               | 27.88-63.68<br>81.92-124.97 | 27.88-63.68<br>81.92-124.97 |
| R/RF97                  | 2           |                          | 22.37-32.05                  | 9.29<br>16.17-32.05        | 7.12-9.26<br>12.39-32.05                      | 7.12-9.29<br>12.39-32.05   | 4.50-32.05                  | 4.50-32.05                  |
| R/RF97                  | 3           |                          | 53.21-65.21<br>103.44-289.74 | 37.13-255.71               | 27.58-216.28                                  | 27.58-186.30               | 27.58-150.78                | 27.58-150.78                |
| R/RF107                 | 2           |                          |                              |                            | 15.65-30.77                                   | 15.65-30.77                | 5.82-7.86<br>10.13-30.77    | 5.82-7.86<br>10.13-30.77    |
| R/RF107                 | 3           |                          |                              |                            |                                               | 40.37-251.15               | 29.49-203.16                | 29.49-203.16                |
| R/RF137                 | 2           |                          |                              |                            |                                               |                            | 7.59<br>12.83-29.57         | 7.59<br>12.83-29.57         |
| R/RF137                 | 3           |                          |                              |                            |                                               |                            | 32.91-222.60                | 32.91-222.60                |

续 表

| 减速机型号<br>Gear unit size | 级<br>Stages | D132ML                      | D160M                       | D160L                       | D180                        | D200                        | D225                        | D250M                       |
|-------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| RX/RXF77                | 1           | 1.42-2.43                   | 1.42-2.43                   |                             |                             |                             |                             |                             |
| RX/RXF87                | 1           | 1.39-3.48                   | 1.39-3.48                   | 1.39-3.48                   | 1.39-2.76                   |                             |                             |                             |
| RX/RXF97                | 1           | 1.42-4.52                   | 1.42-4.52                   | 1.42-4.52                   | 1.42-3.64                   | 1.42-29.2                   |                             |                             |
| RX/RXF107               | 1           | 1.44-5.19                   | 1.44-5.19                   | 1.44-5.19                   | 1.44-4.20                   | 1.44-3.38                   | 1.44-3.38                   |                             |
| R/RF77                  | 2           | 5.31-7.74<br>9.64-14.05     | 5.31-7.74<br>9.64-14.05     |                             |                             |                             |                             |                             |
| R/RF77                  | 3           | 25.23-33.47                 | 25.23-33.47                 |                             |                             |                             |                             |                             |
| R/RF87                  | 2           | 5.30-21.51                  | 5.30-21.51                  | 5.30-21.51                  | 5.30-17.08                  |                             |                             |                             |
| R/RF87                  | 3           | 27.88-47.58<br>81.92-93.38  | 27.88-47.58<br>81.92-93.38  | 27.88-47.58<br>81.92-93.38  | 27.88-36.84                 |                             |                             |                             |
| R/RF97                  | 2           | 4.50-25.03                  | 4.50-25.03                  | 4.50-25.03                  | 4.50-20.14                  | 4.50-16.17                  |                             |                             |
| R/RF97                  | 3           | 27.58-59.92<br>72.17-116.48 | 27.58-59.92<br>72.17-116.48 | 27.58-59.92<br>72.17-116.48 | 27.58-47.58<br>72.17-92.48  | 27.58-37.13<br>72.17        |                             |                             |
| R/RF107                 | 2           | 4.92-30.77                  | 4.92-30.77                  | 4.92-30.77                  | 4.92-24.90                  | 4.92-20.07                  | 4.92-20.07                  |                             |
| R/RF107                 | 3           | 29.49-158.68                | 29.49-158.68                | 29.49-158.68                | 29.49-65.60<br>78.57-127.68 | 29.49-52.68<br>78.57-102.53 | 29.49-52.68<br>78.57-102.53 |                             |
| R/RF137                 | 2           | 6.38-7.59<br>10.79-29.57    | 6.38-7.59<br>10.79-29.57    | 6.38-7.59<br>10.79-29.57    | 5.15-29.57                  | 5.15-24.12                  | 5.15-24.12                  | 5.15-19.04                  |
| R/RF137                 | 3           | 27.83-174.40                | 27.83-174.40                | 27.83-174.40                | 27.83-141.12                | 27.83-65.20<br>88.70-113.72 | 27.83-65.20<br>88.70-113.72 | 27.83-50.86<br>88.70        |
| R/RF147                 | 2           | 7.25<br>11.99-20.44         | 7.25<br>11.99-20.44         | 7.25<br>11.99-20.44         | 5.89-7.25<br>9.74-20.44     | 5.00-20.44                  | 5.00-20.44                  | 5.00-20.44                  |
| R/RF147                 | 3           | 29.95-163.31                | 29.95-163.31                | 29.95-163.31                | 24.19-146.91                | 24.19-119.86                | 24.19-119.86                | 24.19-52.87<br>72.09-94.60  |
| R/RF167                 | 2           |                             | 14.48-46.00                 | 14.48-46.00                 | 11.99-37.74                 | 10.24-30.71                 | 10.24-30.71                 | 10.24-24.57                 |
| R/RF167                 | 3           |                             | 34.41-229.71                | 34.41-229.71                | 27.96-186.93                | 23.71-153.07                | 23.71-153.07                | 23.71-58.65<br>82.91-121.81 |

| 减速机型号<br>Gear unit size | 级<br>Stages | D280                        | D315                       | D315M-A/B   |  |  |  |  |
|-------------------------|-------------|-----------------------------|----------------------------|-------------|--|--|--|--|
| R/RF147                 | 2           | 5.00-20.44                  |                            |             |  |  |  |  |
| R/RF147                 | 3           | 24.19-52.87<br>72.09-94.60  |                            |             |  |  |  |  |
| R/RF167                 | 2           | 10.24-24.57                 | 10.24-19.03                | 10.24-14.48 |  |  |  |  |
| R/RF167                 | 3           | 23.71-58.65<br>82.91-121.81 | 23.71-44.87<br>82.91-93.19 | 23.71-34.41 |  |  |  |  |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 0.06                                            | 14300                                          | 21342                 | 58600                                                        | 0.90                                   |              |                       |
| 0.08                                            | 12000                                          | 18210                 | 64500                                                        | 1.10                                   | R 147 R77    | 4                     |
| 0.09                                            | 10300                                          | 15923                 | 67300                                                        | 1.25                                   | RF147 R77    | 4                     |
| 0.10                                            | 9440                                           | 14075                 | 68600                                                        | 1.40                                   |              |                       |
| 0.11                                            | 7630                                           | 12344                 | 70700                                                        | 1.70                                   |              |                       |
| 0.12                                            | 6780                                           | 11143                 | 71500                                                        | 1.90                                   |              |                       |
| 0.14                                            | 6020                                           | 9743                  | 72200                                                        | 2.2                                    | R 147 R77    | 4                     |
| 0.16                                            | 4960                                           | 8443                  | 73000                                                        | 2.6                                    | RF147 R77    | 4                     |
| 0.19                                            | 4290                                           | 7307                  | 73400                                                        | 3.0                                    |              |                       |
| 0.21                                            | 3780                                           | 6447                  | 73700                                                        | 3.4                                    |              |                       |
| 0.25                                            | 3270                                           | 5568                  | 73900                                                        | 4.0                                    |              |                       |
| 0.11                                            | 8390                                           | 12921                 | 52300                                                        | 0.95                                   |              |                       |
| 0.12                                            | 7240                                           | 11712                 | 54900                                                        | 1.10                                   |              |                       |
| 0.13                                            | 6430                                           | 10573                 | 56400                                                        | 1.25                                   |              |                       |
| 0.16                                            | 5160                                           | 8784                  | 58200                                                        | 1.55                                   | R 137 R77    | 4                     |
| 0.18                                            | 4270                                           | 7479                  | 59200                                                        | 1.85                                   | RF137 R77    | 4                     |
| 0.21                                            | 4060                                           | 6559                  | 59500                                                        | 1.95                                   |              |                       |
| 0.24                                            | 3330                                           | 5834                  | 60100                                                        | 2.4                                    |              |                       |
| 0.27                                            | 3160                                           | 5116                  | 60200                                                        | 2.5                                    |              |                       |
| 0.18                                            | 4500                                           | 7583                  | 28300                                                        | 0.95                                   |              |                       |
| 0.20                                            | 3850                                           | 6743                  | 31700                                                        | 1.10                                   |              |                       |
| 0.23                                            | 3660                                           | 5914                  | 32500                                                        | 1.20                                   | R 107 R77    | 4                     |
| 0.27                                            | 2950                                           | 5168                  | 35100                                                        | 1.45                                   | RF107 R77    | 4                     |
| 0.31                                            | 2600                                           | 4435                  | 36000                                                        | 1.65                                   |              |                       |
| 0.35                                            | 2310                                           | 3896                  | 36400                                                        | 1.85                                   |              |                       |
| 0.45                                            | 1880                                           | 3039                  | 36900                                                        | 2.3                                    |              |                       |
| 0.35                                            | 2670                                           | 3918                  | 35900                                                        | 1.60                                   |              |                       |
| 0.41                                            | 2240                                           | 3343                  | 36500                                                        | 1.90                                   |              |                       |
| 0.45                                            | 2030                                           | 3034                  | 36700                                                        | 2.1                                    | R 107 R77    | 4                     |
| 0.52                                            | 1750                                           | 2653                  | 37000                                                        | 2.5                                    | RF107 R77    | 4                     |
| 0.61                                            | 1500                                           | 2280                  | 37200                                                        | 2.9                                    |              |                       |
| 0.67                                            | 1300                                           | 2067                  | 37400                                                        | 3.3                                    |              |                       |
| 0.30                                            | 2950                                           | 4559                  | 21300                                                        | 1.00                                   | R 97 R57     | 4                     |
| 0.34                                            | 2500                                           | 4004                  | 24100                                                        | 1.20                                   | RF97 R57     | 4                     |
| 0.40                                            | 2200                                           | 3481                  | 25500                                                        | 1.35                                   |              |                       |
| 0.29                                            | 3240                                           | 4678                  | 3970                                                         | 0.90                                   |              |                       |
| 0.32                                            | 2970                                           | 4309                  | 21000                                                        | 1.00                                   |              |                       |
| 0.37                                            | 2510                                           | 3702                  | 24000                                                        | 1.20                                   |              |                       |
| 0.46                                            | 2010                                           | 3019                  | 26400                                                        | 1.50                                   | R 97 R57     | 4                     |
| 0.52                                            | 1750                                           | 2668                  | 27300                                                        | 1.70                                   | RF97 R57     | 4                     |
| 0.61                                            | 1440                                           | 2245                  | 27700                                                        | 2.1                                    |              |                       |
| 0.68                                            | 1280                                           | 2016                  | 27900                                                        | 2.3                                    |              |                       |
| 0.80                                            | 1160                                           | 1733                  | 28100                                                        | 2.6                                    |              |                       |
| 0.45                                            | 2020                                           | 3065                  | 26300                                                        | 1.50                                   |              |                       |
| 0.51                                            | 1790                                           | 2722                  | 27100                                                        | 1.65                                   |              |                       |
| 0.60                                            | 1510                                           | 2311                  | 27600                                                        | 2.0                                    |              |                       |
| 0.66                                            | 1360                                           | 2078                  | 27800                                                        | 2.2                                    | R 97 R57     | 4                     |
| 0.76                                            | 1170                                           | 1823                  | 28100                                                        | 2.6                                    | RF97 R57     | 4                     |
| 0.87                                            | 1020                                           | 1583                  | 28200                                                        | 3.0                                    |              |                       |
| 0.99                                            | 860                                            | 1396                  | 28300                                                        | 3.5                                    |              |                       |
| 1.1                                             | 740                                            | 1228                  | 28400                                                        | 4.1                                    |              |                       |
| 0.48                                            | 1740                                           | 2873                  | 15500                                                        | 0.90                                   | R 87 R57     | 4                     |
| 0.70                                            | 1260                                           | 1961                  | 18700                                                        | 1.25                                   | RF 87 R57    | 4                     |
| 0.50                                            | 1850                                           | 2770                  | 10700                                                        | 0.85                                   |              |                       |
| 0.53                                            | 1730                                           | 2595                  | 15600                                                        | 0.90                                   |              |                       |
| 0.65                                            | 1390                                           | 2129                  | 18000                                                        | 1.10                                   | R 87 R57     | 4                     |
| 0.72                                            | 1240                                           | 1930                  | 18800                                                        | 1.25                                   | RF 87 R57    | 4                     |
| 0.80                                            | 1100                                           | 1733                  | 19400                                                        | 1.40                                   |              |                       |
| 0.79                                            | 1090                                           | 1737                  | 19500                                                        | 1.40                                   |              |                       |
| 0.91                                            | 960                                            | 1524                  | 20000                                                        | 1.60                                   |              |                       |
| 1.1                                             | 775                                            | 1303                  | 20000                                                        | 2.0                                    |              |                       |
| 1.2                                             | 680                                            | 1143                  | 20000                                                        | 2.3                                    | R 87 R57     | 4                     |
| 1.6                                             | 555                                            | 885                   | 20000                                                        | 2.8                                    | RF 87 R57    | 4                     |
| 1.8                                             | 485                                            | 776                   | 20000                                                        | 3.2                                    |              |                       |
| 2.0                                             | 430                                            | 685                   | 20000                                                        | 3.6                                    |              |                       |
| 2.3                                             | 345                                            | 599                   | 20000                                                        | 4.5                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 0.97                                            | 950                                            | 1430                  | 8220                                                         | 0.85                                   |              |                       |
| 1.1                                             | 900                                            | 1303                  | 9080                                                         | 0.90                                   |              |                       |
| 1.2                                             | 770                                            | 1124                  | 10400                                                        | 1.05                                   | R 77 R37     | 4                     |
| 1.3                                             | 715                                            | 1047                  | 10800                                                        | 1.15                                   | RF 77 R37    | 4                     |
| 1.5                                             | 615                                            | 915                   | 11500                                                        | 1.35                                   |              |                       |
| 0.99                                            | 940                                            | 1394                  | 8660                                                         | 0.85                                   |              |                       |
| 1.1                                             | 785                                            | 1218                  | 10200                                                        | 1.05                                   |              |                       |
| 1.3                                             | 710                                            | 1084                  | 10800                                                        | 1.15                                   | R 77 R37     | 4                     |
| 1.5                                             | 635                                            | 940                   | 11400                                                        | 1.30                                   | RF 77 R37    | 4                     |
| 1.7                                             | 505                                            | 821                   | 12000                                                        | 1.60                                   |              |                       |
| 1.9                                             | 460                                            | 731                   | 12300                                                        | 1.80                                   |              |                       |
| 2.1                                             | 440                                            | 646                   | 12300                                                        | 1.85                                   |              |                       |
| 2.7                                             | 365                                            | 520                   | 12600                                                        | 2.3                                    |              |                       |
| 3.1                                             | 310                                            | 451                   | 12800                                                        | 2.6                                    | R 77 R37     | 4                     |
| 3.3                                             | 290                                            | 422                   | 12800                                                        | 2.8                                    | RF 77 R37    | 4                     |
| 3.8                                             | 245                                            | 365                   | 12900                                                        | 3.3                                    |              |                       |
| 1.4                                             | 655                                            | 956                   | 5950                                                         | 0.90                                   |              |                       |
| 1.5                                             | 605                                            | 891                   | 7480                                                         | 1.00                                   |              |                       |
| 1.9                                             | 490                                            | 730                   | 8670                                                         | 1.25                                   | R 67 R37     | 4                     |
| 2.1                                             | 425                                            | 644                   | 9150                                                         | 1.40                                   | RF 67 R37    | 4                     |
| 2.4                                             | 375                                            | 571                   | 9490                                                         | 1.60                                   |              |                       |
| 2.8                                             | 315                                            | 486                   | 9820                                                         | 1.90                                   |              |                       |
| 1.6                                             | 565                                            | 836                   | 7980                                                         | 1.05                                   |              |                       |
| 1.8                                             | 475                                            | 750                   | 8790                                                         | 1.25                                   |              |                       |
| 2.1                                             | 420                                            | 646                   | 9190                                                         | 1.40                                   | R 67 R37     | 4                     |
| 2.4                                             | 380                                            | 574                   | 9450                                                         | 1.55                                   | RF 67 R37    | 4                     |
| 2.8                                             | 330                                            | 495                   | 9740                                                         | 1.80                                   |              |                       |
| 3.2                                             | 275                                            | 438                   | 9990                                                         | 2.2                                    |              |                       |
| 1.8                                             | 525                                            | 782                   | 5710                                                         | 0.85                                   |              |                       |
| 2.0                                             | 440                                            | 678                   | 7160                                                         | 1.05                                   |              |                       |
| 2.3                                             | 395                                            | 604                   | 7330                                                         | 1.15                                   |              |                       |
| 2.6                                             | 360                                            | 537                   | 7460                                                         | 1.25                                   | R 57 R37     | 4                     |
| 2.9                                             | 315                                            | 471                   | 7590                                                         | 1.45                                   | RF 57 R37    | 4                     |
| 3.9                                             | 235                                            | 357                   | 7790                                                         | 1.95                                   |              |                       |
| 4.3                                             | 205                                            | 319                   | 7840                                                         | 2.2                                    |              |                       |
| 3.8                                             | 245                                            | 359                   | 7760                                                         | 1.80                                   |              |                       |
| 4.3                                             | 225                                            | 324                   | 7810                                                         | 2.0                                    |              |                       |
| 4.8                                             | 196                                            | 290                   | 7860                                                         | 2.3                                    | R 57 R37     | 4                     |
| 5.3                                             | 177                                            | 262                   | 7890                                                         | 2.5                                    | RF 57 R37    | 4                     |
| 5.6                                             | 164                                            | 246                   | 7910                                                         | 2.8                                    |              |                       |
| 6.3                                             | 144                                            | 220                   | 7940                                                         | 3.1                                    |              |                       |
| 2.4                                             | 375                                            | 572                   | 2500                                                         | 0.80                                   |              |                       |
| 2.7                                             | 330                                            | 510                   | 5140                                                         | 0.90                                   |              |                       |
| 3.2                                             | 275                                            | 436                   | 5540                                                         | 1.10                                   | R 47 R37     | 4                     |
| 3.4                                             | 255                                            | 408                   | 5630                                                         | 1.15                                   | RF 47 R37    | 4                     |
| 4.0                                             | 210                                            | 344                   | 5810                                                         | 1.40                                   |              |                       |
| 2.8                                             | 355                                            | 502                   | 3780                                                         | 0.85                                   |              |                       |
| 3.2                                             | 300                                            | 429                   | 5430                                                         | 1.00                                   |              |                       |
| 3.7                                             | 255                                            | 372                   | 5640                                                         | 1.15                                   |              |                       |
| 4.0                                             | 240                                            | 348                   | 5710                                                         | 1.25                                   | R 47 R37     | 4                     |
| 4.6                                             | 205                                            | 301                   | 5840                                                         | 1.50                                   | RF 47 R37    | 4                     |
| 5.4                                             | 169                                            | 255                   | 5950                                                         | 1.75                                   |              |                       |
| 6.1                                             | 150                                            | 228                   | 6000                                                         | 2.0                                    |              |                       |
| 7.1                                             | 125                                            | 195                   | 6050                                                         | 2.4                                    |              |                       |
| 4.1                                             | 220                                            | 338                   | 4700                                                         | 0.90                                   |              |                       |
| 4.7                                             | 205                                            | 296                   | 4910                                                         | 1.00                                   |              |                       |
| 5.3                                             | 176                                            | 259                   | 5220                                                         | 1.15                                   | R 37 R17     | 4                     |
| 6.1                                             | 155                                            | 228                   | 5420                                                         | 1.30                                   | RF 37 R17    | 4                     |
| 6.9                                             | 134                                            | 199                   | 5600                                                         | 1.50                                   |              |                       |
| 8.0                                             | 117                                            | 172                   | 5720                                                         | 1.70                                   |              |                       |
| 4.2                                             | 230                                            | 328                   | 4550                                                         | 0.90                                   |              |                       |
| 4.8                                             | 197                                            | 289                   | 4990                                                         | 1.00                                   |              |                       |
| 5.2                                             | 184                                            | 265                   | 5130                                                         | 1.10                                   | R 37 R17     | 4                     |
| 6.1                                             | 151                                            | 226                   | 5470                                                         | 1.35                                   | RF 37 R17    | 4                     |
| 6.8                                             | 138                                            | 202                   | 5570                                                         | 1.45                                   |              |                       |
| 7.7                                             | 120                                            | 179                   | 5700                                                         | 1.65                                   |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 6.0                                             | 152                                            | 229                     | 4130                                                         | 0.85                                   | R 27 R17     | 4                     |
| 6.9                                             | 132                                            | 200                     | 4220                                                         | 1.00                                   |              | 4                     |
| 7.8                                             | 116                                            | 177                     | 4290                                                         | 1.10                                   |              | 4                     |
| 8.3                                             | 111                                            | 166                     | 4310                                                         | 1.15                                   |              | 4                     |
| 6.1                                             | 151                                            | 227                     | 4130                                                         | 0.85                                   | R 27 R17     | 4                     |
| 6.8                                             | 138                                            | 203                     | 4200                                                         | 0.95                                   |              | 4                     |
| 7.7                                             | 121                                            | 179                     | 4280                                                         | 1.10                                   |              | 4                     |
| 8.8                                             | 102                                            | 156                     | 4350                                                         | 1.25                                   |              | 4                     |
| 4.6                                             | 250                                            | 195.24                  | 12900                                                        | 3.3                                    | R 77         | 6                     |
| 5.4                                             | 210                                            | 166.59                  | 13000                                                        | 3.9                                    |              | 6                     |
| 6.2                                             | 186                                            | 145.67                  | 13000                                                        | 4.4                                    |              | 6                     |
| 4.5                                             | 255                                            | 199.81                  | 10100                                                        | 2.4                                    | R 67         | 6                     |
| 4.9                                             | 235                                            | 184.07                  | 10100                                                        | 2.6                                    |              | 6                     |
| 5.7                                             | 200                                            | 158.14                  | 10300                                                        | 3.0                                    |              | 6                     |
| 6.5                                             | 175                                            | 137.67                  | 10300                                                        | 3.4                                    |              | 6                     |
| 7.0                                             | 164                                            | 128.97                  | 10400                                                        | 3.7                                    |              | 6                     |
| 7.9                                             | 145                                            | 113.94                  | 10400                                                        | 4.1                                    |              | 6                     |
| 6.9                                             | 166                                            | 199.81                  | 10300                                                        | 3.6                                    |              | 4                     |
| 7.5                                             | 153                                            | 184.07                  | 10400                                                        | 3.9                                    |              | 4                     |
| 4.8                                             | 240                                            | 186.89                  | 7780                                                         | 1.90                                   | R 57         | 6                     |
| 5.2                                             | 220                                            | 172.17                  | 7820                                                         | 2.0                                    |              | 6                     |
| 6.1                                             | 188                                            | 147.92                  | 7870                                                         | 2.4                                    |              | 6                     |
| 7.0                                             | 164                                            | 128.77                  | 7910                                                         | 2.7                                    |              | 6                     |
| 7.5                                             | 154                                            | 120.63                  | 7920                                                         | 2.9                                    |              | 6                     |
| 8.4                                             | 136                                            | 106.58                  | 7950                                                         | 3.3                                    |              | 6                     |
| 9.1                                             | 126                                            | 98.99                   | 7960                                                         | 3.6                                    |              | 6                     |
| 7.4                                             | 155                                            | 186.89                  | 7920                                                         | 2.9                                    | R 57         | 4                     |
| 8.0                                             | 143                                            | 172.17                  | 7940                                                         | 3.2                                    |              | 4                     |
| 9.3                                             | 123                                            | 147.92                  | 7960                                                         | 3.7                                    |              | 4                     |
| 11                                              | 107                                            | 128.77                  | 7980                                                         | 4.2                                    |              | 4                     |
| 5.1                                             | 225                                            | 176.88                  | 5760                                                         | 1.35                                   | R 47         | 6                     |
| 5.5                                             | 210                                            | 162.94                  | 5830                                                         | 1.45                                   |              | 6                     |
| 6.4                                             | 178                                            | 139.99                  | 5920                                                         | 1.70                                   |              | 6                     |
| 7.4                                             | 155                                            | 121.87                  | 5980                                                         | 1.95                                   |              | 6                     |
| 7.8                                             | 147                                            | 176.88                  | 6000                                                         | 2.0                                    | R 47         | 4                     |
| 8.5                                             | 135                                            | 162.94                  | 6030                                                         | 2.2                                    |              | 4                     |
| 9.9                                             | 116                                            | 139.99                  | 6070                                                         | 2.6                                    |              | 4                     |
| 11                                              | 101                                            | 121.87                  | 6100                                                         | 3.0                                    |              | 4                     |
| 12                                              | 95                                             | 114.17                  | 6110                                                         | 3.2                                    |              | 4                     |
| 14                                              | 84                                             | 100.86                  | 6120                                                         | 3.6                                    |              | 4                     |
| 15                                              | 78                                             | 93.68                   | 6130                                                         | 3.9                                    |              | 4                     |
| 6.7                                             | 172                                            | 134.82                  | 5270                                                         | 1.15                                   | R 37         | 6                     |
| 7.3                                             | 157                                            | 123.66                  | 5410                                                         | 1.25                                   |              | 6                     |
| 8.6                                             | 134                                            | 105.28                  | 5600                                                         | 1.50                                   |              | 6                     |
| 9.9                                             | 116                                            | 90.77                   | 5730                                                         | 1.75                                   |              | 6                     |
| 11                                              | 108                                            | 84.61                   | 5770                                                         | 1.85                                   |              | 6                     |
| 12                                              | 94                                             | 73.96                   | 5850                                                         | 2.1                                    |              | 6                     |
| 10                                              | 112                                            | 134.82                  | 5750                                                         | 1.80                                   | R 37         | 4                     |
| 11                                              | 103                                            | 123.66                  | 5800                                                         | 1.95                                   |              | 4                     |
| 13                                              | 87                                             | 105.28                  | 5880                                                         | 2.3                                    |              | 4                     |
| 15                                              | 75                                             | 90.77                   | 5930                                                         | 2.7                                    |              | 4                     |
| 16                                              | 70                                             | 84.61                   | 5950                                                         | 2.8                                    |              | 4                     |
| 19                                              | 61                                             | 73.96                   | 5980                                                         | 3.3                                    |              | 4                     |
| 7.3                                             | 158                                            | 123.91                  | 4090                                                         | 0.80                                   | R 27         | 6                     |
| 8.5                                             | 134                                            | 105.49                  | 4210                                                         | 0.95                                   |              | 6                     |
| 9.9                                             | 116                                            | 90.96                   | 4300                                                         | 1.10                                   |              | 6                     |
| 11                                              | 108                                            | 84.78                   | 4330                                                         | 1.20                                   |              | 6                     |
| 12                                              | 94                                             | 74.11                   | 4370                                                         | 1.40                                   | RF 27        | 6                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model           | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|------------------------|-----------------------|
| 0.12kW                                          |                                                |                         |                                                              |                                        |                        |                       |
| 10                                              | 112                                            | 135.09                  | 4310                                                         | 1.15                                   | R 27<br>RF 27          | 4<br>4                |
| 11                                              | 103                                            | 123.91                  | 4340                                                         | 1.25                                   |                        |                       |
| 13                                              | 88                                             | 105.49                  | 4390                                                         | 1.50                                   |                        |                       |
| 15                                              | 76                                             | 90.96                   | 4430                                                         | 1.70                                   |                        |                       |
| 16                                              | 70                                             | 84.78                   | 4440                                                         | 1.85                                   |                        |                       |
| 19                                              | 62                                             | 74.11                   | 4460                                                         | 2.1                                    |                        |                       |
| 20                                              | 58                                             | 69.47                   | 4470                                                         | 2.2                                    |                        |                       |
| 23                                              | 51                                             | 61.30                   | 4400                                                         | 2.5                                    |                        |                       |
| 25                                              | 46                                             | 55.87                   | 4280                                                         | 2.8                                    |                        |                       |
| 29                                              | 40                                             | 48.17                   | 4090                                                         | 3.2                                    |                        |                       |
| 31                                              | 37                                             | 44.90                   | 4000                                                         | 3.5                                    |                        |                       |
| 11                                              | 104                                            | 81.64                   | 300                                                          | 0.80                                   | R 17<br>RF 17          | 6<br>6                |
| 13                                              | 90                                             | 70.39                   | 1470                                                         | 0.95                                   |                        |                       |
| 14                                              | 84                                             | 65.61                   | 1860                                                         | 1.00                                   |                        |                       |
| 16                                              | 73                                             | 57.35                   | 2430                                                         | 1.15                                   |                        |                       |
| 17                                              | 68                                             | 53.76                   | 2500                                                         | 1.25                                   |                        |                       |
| 19                                              | 60                                             | 47.44                   | 2500                                                         | 1.40                                   |                        |                       |
| 17                                              | 68                                             | 81.64                   | 2500                                                         | 1.25                                   | R 17<br>RF 17          | 4<br>4                |
| 20                                              | 58                                             | 70.39                   | 2500                                                         | 1.45                                   |                        |                       |
| 21                                              | 55                                             | 65.61                   | 2500                                                         | 1.55                                   |                        |                       |
| 24                                              | 48                                             | 57.35                   | 2500                                                         | 1.80                                   |                        |                       |
| 26                                              | 45                                             | 53.76                   | 2500                                                         | 1.90                                   |                        |                       |
| 29                                              | 39                                             | 47.44                   | 2500                                                         | 2.2                                    |                        |                       |
| 31                                              | 37                                             | 44.18                   | 2500                                                         | 2.3                                    |                        |                       |
| 36                                              | 32                                             | 38.61                   | 2430                                                         | 2.7                                    |                        |                       |
| 38                                              | 30                                             | 36.20                   | 2390                                                         | 2.8                                    |                        |                       |
| 43                                              | 27                                             | 31.94                   | 2310                                                         | 3.2                                    |                        |                       |
| 49                                              | 24                                             | 28.32                   | 2230                                                         | 3.6                                    |                        |                       |
| 57                                              | 20                                             | 24.07                   | 2130                                                         | 4.2                                    |                        |                       |
| 55                                              | 21                                             | 25.23                   | 2160                                                         | 4.1                                    | R 17<br>RF 17          | 4<br>4                |
| 60                                              | 19                                             | 23.15                   | 2110                                                         | 4.4                                    |                        |                       |
| 70                                              | 16                                             | 19.71                   | 2010                                                         | 5.2                                    |                        |                       |
| 81                                              | 14                                             | 16.99                   | 1920                                                         | 6.0                                    |                        |                       |
| 87                                              | 13                                             | 15.84                   | 1880                                                         | 6.4                                    |                        |                       |
| 100                                             | 12                                             | 13.84                   | 1810                                                         | 7.4                                    |                        |                       |
| 106                                             | 11                                             | 12.98                   | 1770                                                         | 7.9                                    |                        |                       |
| 121                                             | 9.5                                            | 11.45                   | 1710                                                         | 8.5                                    |                        |                       |
| 136                                             | 8.4                                            | 10.15                   | 1640                                                         | 9.2                                    |                        |                       |
| 160                                             | 7.2                                            | 8.63                    | 1560                                                         | 10                                     |                        |                       |
| 183                                             | 6.3                                            | 7.55                    | 1490                                                         | 8.9                                    |                        |                       |
| 196                                             | 5.8                                            | 7.04                    | 1460                                                         | 9.5                                    |                        |                       |
| 224                                             | 5.1                                            | 6.15                    | 1400                                                         | 11                                     |                        |                       |
| 239                                             | 4.8                                            | 5.76                    | 1370                                                         | 11                                     |                        |                       |
| 271                                             | 4.2                                            | 5.09                    | 1320                                                         | 12                                     |                        |                       |
| 306                                             | 3.7                                            | 4.51                    | 1270                                                         | 13                                     |                        |                       |
| 360                                             | 3.2                                            | 3.83                    | 1200                                                         | 14                                     |                        |                       |
| 227                                             | 5.0                                            | 6.07                    | 4270                                                         | 8.6                                    | RX 67<br>RXF 67        | 4<br>4                |
| 267                                             | 4.3                                            | 5.18                    | 4050                                                         | 17                                     |                        |                       |
| 305                                             | 3.8                                            | 4.53                    | 3870                                                         | 22                                     |                        |                       |
| 321                                             | 3.6                                            | 4.30                    | 3810                                                         | 22                                     |                        |                       |
| 251                                             | 4.6                                            | 5.50                    | 3360                                                         | 8.5                                    | RX 57<br>RXF 57        | 4<br>4                |
| 272                                             | 4.2                                            | 5.07                    | 3270                                                         | 8.6                                    |                        |                       |
| 317                                             | 3.6                                            | 4.35                    | 3120                                                         | 19                                     |                        |                       |
| 364                                             | 3.1                                            | 3.79                    | 2980                                                         | 22                                     |                        |                       |
| 389                                             | 2.9                                            | 3.55                    | 2910                                                         | 24                                     |                        |                       |
| 440                                             | 2.6                                            | 3.14                    | 2800                                                         | 25                                     |                        |                       |
| 474                                             | 2.4                                            | 2.91                    | 2730                                                         | 28                                     |                        |                       |
| 523                                             | 2.2                                            | 2.64                    | 2640                                                         | 31                                     |                        |                       |
| 582                                             | 2.0                                            | 2.37                    | 2550                                                         | 35                                     |                        |                       |
| 676                                             | 1.7                                            | 2.04                    | 2430                                                         | 41                                     |                        |                       |
| 719                                             | 1.6                                            | 1.92                    | 2380                                                         | 43                                     |                        |                       |
| 835                                             | 1.4                                            | 1.65                    | 2260                                                         | 49                                     |                        |                       |
| 0.18kW                                          |                                                |                         |                                                              |                                        |                        |                       |
| 0.09                                            | 15500                                          | 14075                   | 43800                                                        | 0.85                                   | R 147 R77<br>RF147 R77 | 4<br>4                |
| 0.11                                            | 12900                                          | 12344                   | 62800                                                        | 1.00                                   |                        |                       |
| 0.12                                            | 11600                                          | 11143                   | 65300                                                        | 1.10                                   |                        |                       |
| 0.14                                            | 10200                                          | 9743                    | 67500                                                        | 1.25                                   |                        |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 0.16                                            | 8590                                           | 8443                    | 69600                                                        | 1.50                                   |              |                       |
| 0.18                                            | 7430                                           | 7307                    | 70900                                                        | 1.75                                   |              |                       |
| 0.20                                            | 6560                                           | 6447                    | 71700                                                        | 2.0                                    |              |                       |
| 0.24                                            | 5660                                           | 5568                    | 72500                                                        | 2.3                                    | R 147 R77    | 4                     |
| 0.27                                            | 5120                                           | 4926                    | 72900                                                        | 2.5                                    | RF147 R77    | 4                     |
| 0.31                                            | 4430                                           | 4325                    | 73300                                                        | 2.9                                    |              |                       |
| 0.35                                            | 3900                                           | 3754                    | 73600                                                        | 3.3                                    |              |                       |
| 0.40                                            | 3380                                           | 3302                    | 73800                                                        | 3.8                                    |              |                       |
| 0.15                                            | 8930                                           | 8784                    | 49900                                                        | 0.90                                   | R 137 R77    | 4                     |
| 0.18                                            | 7490                                           | 7479                    | 54400                                                        | 1.05                                   | RF137 R77    | 4                     |
| 0.20                                            | 6880                                           | 6559                    | 55600                                                        | 1.15                                   |              |                       |
| 0.23                                            | 5840                                           | 5834                    | 57300                                                        | 1.35                                   |              |                       |
| 0.26                                            | 5370                                           | 5116                    | 57900                                                        | 1.50                                   | R 137 R77    | 4                     |
| 0.30                                            | 4540                                           | 4464                    | 58900                                                        | 1.75                                   | RF137 R77    | 4                     |
| 0.34                                            | 4000                                           | 3928                    | 59500                                                        | 2.0                                    |              |                       |
| 0.28                                            | 5260                                           | 4709                    | 58100                                                        | 1.50                                   |              |                       |
| 0.33                                            | 4450                                           | 4018                    | 59000                                                        | 1.80                                   | R 137 R77    | 4                     |
| 0.38                                            | 3850                                           | 3514                    | 59600                                                        | 2.1                                    | RF137 R77    | 4                     |
| 0.40                                            | 3640                                           | 3338                    | 59800                                                        | 2.2                                    |              |                       |
| 0.45                                            | 3160                                           | 2929                    | 60200                                                        | 2.5                                    |              |                       |
| 0.30                                            | 4510                                           | 4435                    | 28300                                                        | 0.95                                   | R 107 R77    | 4                     |
| 0.34                                            | 3990                                           | 3896                    | 31100                                                        | 1.10                                   | RF107 R77    | 4                     |
| 0.43                                            | 3190                                           | 3039                    | 34300                                                        | 1.35                                   |              |                       |
| 0.34                                            | 4380                                           | 3918                    | 29000                                                        | 1.00                                   |              |                       |
| 0.39                                            | 3700                                           | 3343                    | 32400                                                        | 1.15                                   | R 107 R77    | 4                     |
| 0.44                                            | 3360                                           | 3034                    | 33700                                                        | 1.30                                   | RF107 R77    | 4                     |
| 0.50                                            | 2910                                           | 2653                    | 35200                                                        | 1.50                                   |              |                       |
| 0.58                                            | 2500                                           | 2280                    | 36200                                                        | 1.70                                   |              |                       |
| 0.64                                            | 2200                                           | 2067                    | 36500                                                        | 1.95                                   |              |                       |
| 0.66                                            | 2050                                           | 1987                    | 36700                                                        | 2.1                                    |              |                       |
| 0.72                                            | 1840                                           | 1827                    | 36900                                                        | 2.3                                    | R 107 R77    | 4                     |
| 0.83                                            | 1580                                           | 1599                    | 37200                                                        | 2.7                                    | RF107 R77    | 4                     |
| 0.94                                            | 1410                                           | 1400                    | 37300                                                        | 3.1                                    |              |                       |
| 1.1                                             | 1210                                           | 1226                    | 37400                                                        | 3.6                                    |              |                       |
| 0.49                                            | 2920                                           | 2668                    | 21500                                                        | 1.05                                   |              |                       |
| 0.59                                            | 2420                                           | 2245                    | 24500                                                        | 1.25                                   |              |                       |
| 0.65                                            | 2160                                           | 2016                    | 25700                                                        | 1.40                                   |              |                       |
| 0.76                                            | 1920                                           | 1733                    | 26700                                                        | 1.55                                   |              |                       |
| 0.81                                            | 1790                                           | 1623                    | 27200                                                        | 1.70                                   |              |                       |
| 0.92                                            | 1570                                           | 1434                    | 27600                                                        | 1.90                                   | R 97 R57     | 4                     |
| 1.1                                             | 1300                                           | 1207                    | 27900                                                        | 2.3                                    | RF 97 R57    | 4                     |
| 1.2                                             | 1160                                           | 1084                    | 28100                                                        | 2.6                                    |              |                       |
| 1.4                                             | 990                                            | 934                     | 28200                                                        | 3.0                                    |              |                       |
| 1.5                                             | 920                                            | 878                     | 28300                                                        | 3.2                                    |              |                       |
| 1.8                                             | 785                                            | 755                     | 28400                                                        | 3.8                                    |              |                       |
| 0.49                                            | 2980                                           | 2722                    | 20400                                                        | 1.00                                   | R 97 R57     | 4                     |
| 0.57                                            | 2520                                           | 2311                    | 24000                                                        | 1.20                                   | RF 97 R57    | 4                     |
| 0.64                                            | 2270                                           | 2078                    | 25200                                                        | 1.30                                   |              |                       |
| 0.76                                            | 1850                                           | 1733                    | 10800                                                        | 0.85                                   |              |                       |
| 0.89                                            | 1650                                           | 1489                    | 16200                                                        | 0.95                                   |              |                       |
| 0.95                                            | 1540                                           | 1395                    | 17000                                                        | 1.00                                   |              |                       |
| 1.1                                             | 1350                                           | 1232                    | 18200                                                        | 1.15                                   | R 87 R57     | 4                     |
| 1.1                                             | 1250                                           | 1145                    | 18700                                                        | 1.25                                   | RF 87 R57    | 4                     |
| 1.3                                             | 1120                                           | 1037                    | 19300                                                        | 1.40                                   |              |                       |
| 1.4                                             | 1000                                           | 931                     | 19800                                                        | 1.55                                   |              |                       |
| 1.6                                             | 850                                            | 802                     | 20000                                                        | 1.85                                   |              |                       |
| 0.76                                            | 1850                                           | 1737                    | 11200                                                        | 0.85                                   |              |                       |
| 0.87                                            | 1620                                           | 1524                    | 16400                                                        | 0.95                                   |              |                       |
| 1.0                                             | 1350                                           | 1303                    | 18200                                                        | 1.15                                   | R 87 R57     | 4                     |
| 1.2                                             | 1180                                           | 1143                    | 19100                                                        | 1.30                                   | RF 87 R57    | 4                     |
| 1.5                                             | 940                                            | 885                     | 20000                                                        | 1.65                                   |              |                       |
| 1.7                                             | 830                                            | 776                     | 20000                                                        | 1.90                                   |              |                       |
| 1.5                                             | 950                                            | 858                     | 8100                                                         | 0.85                                   |              |                       |
| 1.7                                             | 830                                            | 757                     | 9800                                                         | 1.00                                   | R 77 R37     | 4                     |
| 2.0                                             | 735                                            | 671                     | 10700                                                        | 1.10                                   | RF 77 R37    | 4                     |
| 2.3                                             | 620                                            | 571                     | 11400                                                        | 1.35                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 1.6                                             | 870                                            | 821                     | 9480                                                         | 0.95                                   |              |                       |
| 1.8                                             | 780                                            | 731                     | 10300                                                        | 1.05                                   |              |                       |
| 2.0                                             | 720                                            | 646                     | 10800                                                        | 1.15                                   |              |                       |
| 2.4                                             | 625                                            | 560                     | 11400                                                        | 1.30                                   | R 77 R37     | 4                     |
| 2.7                                             | 530                                            | 488                     | 11900                                                        | 1.55                                   | RF 77 R37    | 4                     |
| 3.0                                             | 470                                            | 436                     | 12200                                                        | 1.75                                   |              |                       |
| 3.5                                             | 405                                            | 373                     | 12500                                                        | 2.0                                    |              |                       |
| 4.0                                             | 355                                            | 327                     | 12600                                                        | 2.3                                    |              |                       |
| 4.6                                             | 320                                            | 289                     | 12800                                                        | 2.6                                    |              |                       |
| 2.3                                             | 625                                            | 571                     | 7260                                                         | 0.95                                   | R 67 R37     | 4                     |
| 2.7                                             | 525                                            | 486                     | 7350                                                         | 1.15                                   | RF 67 R37    | 4                     |
| 2.3                                             | 635                                            | 574                     | 7140                                                         | 0.95                                   |              |                       |
| 2.7                                             | 545                                            | 495                     | 8160                                                         | 1.10                                   |              |                       |
| 3.0                                             | 465                                            | 438                     | 8860                                                         | 1.30                                   | R 67 R37     | 4                     |
| 3.4                                             | 415                                            | 388                     | 9250                                                         | 1.45                                   | RF 67 R37    | 4                     |
| 3.8                                             | 380                                            | 344                     | 9470                                                         | 1.60                                   |              |                       |
| 4.5                                             | 310                                            | 294                     | 9840                                                         | 1.95                                   |              |                       |
| 5.1                                             | 280                                            | 261                     | 9960                                                         | 2.1                                    |              |                       |
| 2.9                                             | 490                                            | 454                     | 6910                                                         | 0.90                                   | R 57 R37     | 4                     |
| 3.2                                             | 445                                            | 410                     | 7130                                                         | 1.00                                   | RF 57 R37    | 4                     |
| 2.8                                             | 520                                            | 471                     | 6000                                                         | 0.85                                   |              |                       |
| 3.7                                             | 390                                            | 357                     | 7350                                                         | 1.15                                   |              |                       |
| 4.1                                             | 345                                            | 319                     | 7500                                                         | 1.30                                   | R 57 R37     | 4                     |
| 4.8                                             | 290                                            | 273                     | 7650                                                         | 1.55                                   | RF 57 R37    | 4                     |
| 5.5                                             | 255                                            | 241                     | 7750                                                         | 1.75                                   |              |                       |
| 6.1                                             | 225                                            | 215                     | 7800                                                         | 2.0                                    |              |                       |
| 3.7                                             | 405                                            | 359                     | 7280                                                         | 1.10                                   |              |                       |
| 4.1                                             | 365                                            | 324                     | 7430                                                         | 1.25                                   |              |                       |
| 4.6                                             | 325                                            | 290                     | 7560                                                         | 1.40                                   |              |                       |
| 5.0                                             | 295                                            | 262                     | 7650                                                         | 1.55                                   | R 57 R37     | 4                     |
| 5.3                                             | 275                                            | 246                     | 7700                                                         | 1.65                                   | RF 57 R37    | 4                     |
| 6.0                                             | 240                                            | 220                     | 7770                                                         | 1.85                                   |              |                       |
| 7.0                                             | 205                                            | 188                     | 7840                                                         | 2.2                                    |              |                       |
| 8.3                                             | 172                                            | 159                     | 7900                                                         | 2.6                                    |              |                       |
| 4.4                                             | 335                                            | 301                     | 4780                                                         | 0.90                                   |              |                       |
| 5.2                                             | 285                                            | 255                     | 5510                                                         | 1.05                                   | R 47 R37     | 4                     |
| 5.8                                             | 250                                            | 228                     | 5660                                                         | 1.20                                   | RF 47 R37    | 4                     |
| 6.8                                             | 210                                            | 195                     | 5810                                                         | 1.40                                   |              |                       |
| 6.6                                             | 220                                            | 199                     | 4650                                                         | 0.90                                   |              |                       |
| 7.7                                             | 192                                            | 172                     | 5040                                                         | 1.05                                   | R 37 R17     | 4                     |
| 8.8                                             | 167                                            | 150                     | 5320                                                         | 1.20                                   | RF 37 R17    | 4                     |
| 5.8                                             | 250                                            | 226                     | 2090                                                         | 0.80                                   |              |                       |
| 6.5                                             | 230                                            | 202                     | 4560                                                         | 0.90                                   | R 37 R17     | 4                     |
| 7.4                                             | 200                                            | 179                     | 4950                                                         | 1.10                                   | RF 37 R17    | 4                     |
| 8.5                                             | 171                                            | 156                     | 5270                                                         | 1.15                                   |              |                       |
| 9.4                                             | 153                                            | 141                     | 4120                                                         | 0.85                                   |              |                       |
| 11                                              | 135                                            | 124                     | 4210                                                         | 0.95                                   | R 27 R17     | 4                     |
| 12                                              | 121                                            | 110                     | 4280                                                         | 1.10                                   | RF 27 R17    | 4                     |
| 14                                              | 102                                            | 94                      | 4350                                                         | 1.30                                   |              |                       |
| 9.8                                             | 148                                            | 135                     | 4150                                                         | 0.90                                   |              |                       |
| 11                                              | 134                                            | 118                     | 4210                                                         | 0.95                                   | R 27 R17     | 4                     |
| 13                                              | 117                                            | 104                     | 4290                                                         | 1.10                                   | RF 27 R17    | 4                     |
| 15                                              | 101                                            | 90                      | 4350                                                         | 1.30                                   |              |                       |
| 4.5                                             | 385                                            | 195.24                  | 12500                                                        | 2.1                                    | R 77         | 6                     |
| 5.2                                             | 330                                            | 166.59                  | 12700                                                        | 2.5                                    | RF 77        | 6                     |
| 6.0                                             | 290                                            | 145.67                  | 12800                                                        | 2.8                                    |              |                       |
| 6.3                                             | 275                                            | 138.39                  | 12900                                                        | 3.0                                    | R 77         | 6                     |
| 7.2                                             | 240                                            | 121.42                  | 12900                                                        | 3.4                                    | RF 77        | 6                     |
| 6.8                                             | 255                                            | 195.24                  | 12900                                                        | 3.2                                    |              |                       |
| 7.9                                             | 215                                            | 166.59                  | 13000                                                        | 3.8                                    | R 77         | 4                     |
| 9.1                                             | 190                                            | 145.67                  | 13000                                                        | 4.3                                    | RF 77        | 4                     |
| 9.5                                             | 180                                            | 138.39                  | 13000                                                        | 4.6                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{R0}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 4.3                                             | 395                                            | 199.81                  | 9370                                                         | 1.50                                   |              |                       |
| 4.7                                             | 365                                            | 184.07                  | 9560                                                         | 1.65                                   |              |                       |
| 5.5                                             | 310                                            | 158.14                  | 9830                                                         | 1.90                                   |              |                       |
| 6.3                                             | 270                                            | 137.67                  | 10000                                                        | 2.2                                    |              |                       |
| 6.8                                             | 255                                            | 128.97                  | 10100                                                        | 2.3                                    |              |                       |
| 7.6                                             | 225                                            | 113.94                  | 10200                                                        | 2.7                                    | R 67         | 6                     |
| 8.2                                             | 210                                            | 105.83                  | 10200                                                        | 2.9                                    | RF 67        | 6                     |
| 9.1                                             | 190                                            | 95.91                   | 10300                                                        | 3.2                                    |              |                       |
| 10                                              | 170                                            | 86.11                   | 10300                                                        | 3.5                                    |              |                       |
| 12                                              | 147                                            | 74.17                   | 10400                                                        | 4.1                                    |              |                       |
| 12                                              | 138                                            | 69.75                   | 10400                                                        | 4.3                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 6.6                                             | 260                                            | 119.81                  | 10100                                                        | 2.3                                    |              |                       |
| 7.2                                             | 240                                            | 184.07                  | 10100                                                        | 2.5                                    |              |                       |
| 8.4                                             | 205                                            | 158.14                  | 10200                                                        | 2.9                                    | R 67         | 4                     |
| 9.6                                             | 179                                            | 137.67                  | 10300                                                        | 3.3                                    | RF 67        | 4                     |
| 10                                              | 168                                            | 128.97                  | 10300                                                        | 3.6                                    |              |                       |
| 12                                              | 148                                            | 113.94                  | 10400                                                        | 4.0                                    |              |                       |
| 12                                              | 138                                            | 105.83                  | 10400                                                        | 4.3                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 4.7                                             | 370                                            | 186.89                  | 7420                                                         | 1.20                                   |              |                       |
| 5.1                                             | 340                                            | 172.17                  | 7510                                                         | 1.30                                   |              |                       |
| 5.9                                             | 290                                            | 147.92                  | 7650                                                         | 1.55                                   | R 57         | 6                     |
| 6.8                                             | 255                                            | 128.77                  | 7740                                                         | 1.75                                   | RF 57        | 6                     |
| 7.2                                             | 240                                            | 120.63                  | 7780                                                         | 1.90                                   |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 7.1                                             | 245                                            | 186.89                  | 7770                                                         | 1.85                                   |              |                       |
| 7.7                                             | 225                                            | 172.17                  | 7810                                                         | 2.0                                    |              |                       |
| 8.9                                             | 193                                            | 147.92                  | 7870                                                         | 2.3                                    |              |                       |
| 10                                              | 168                                            | 128.77                  | 7900                                                         | 2.7                                    | R 57         | 4                     |
| 11                                              | 157                                            | 120.63                  | 7920                                                         | 2.9                                    | RF 57        | 4                     |
| 12                                              | 139                                            | 106.58                  | 7940                                                         | 3.2                                    |              |                       |
| 13                                              | 129                                            | 98.99                   | 7950                                                         | 3.5                                    |              |                       |
| 15                                              | 117                                            | 89.71                   | 7970                                                         | 3.8                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 7.5                                             | 230                                            | 176.88                  | 5740                                                         | 1.30                                   |              |                       |
| 8.1                                             | 210                                            | 162.94                  | 5810                                                         | 1.40                                   |              |                       |
| 9.4                                             | 182                                            | 139.99                  | 5910                                                         | 1.65                                   |              |                       |
| 11                                              | 159                                            | 121.87                  | 5980                                                         | 1.90                                   |              |                       |
| 12                                              | 149                                            | 114.17                  | 6000                                                         | 2.0                                    | R 47         | 4                     |
| 13                                              | 131                                            | 100.86                  | 6040                                                         | 2.3                                    | RF 47        | 4                     |
| 14                                              | 122                                            | 93.68                   | 6060                                                         | 2.5                                    |              |                       |
| 16                                              | 111                                            | 84.90                   | 6080                                                         | 2.7                                    |              |                       |
| 17                                              | 99                                             | 76.23                   | 6100                                                         | 3.0                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 7.0                                             | 245                                            | 123.66                  | 3060                                                         | 0.80                                   |              |                       |
| 8.3                                             | 210                                            | 105.28                  | 4840                                                         | 0.95                                   | R 37         | 6                     |
| 9.6                                             | 179                                            | 90.77                   | 5190                                                         | 1.10                                   | RF 37        | 6                     |
| 10                                              | 167                                            | 84.61                   | 5310                                                         | 1.20                                   |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 9.8                                             | 176                                            | 134.82                  | 5230                                                         | 1.15                                   |              |                       |
| 11                                              | 161                                            | 123.66                  | 5370                                                         | 1.25                                   |              |                       |
| 13                                              | 137                                            | 105.28                  | 5580                                                         | 1.45                                   |              |                       |
| 15                                              | 118                                            | 90.77                   | 5710                                                         | 1.70                                   |              |                       |
| 16                                              | 110                                            | 84.61                   | 5760                                                         | 1.80                                   | R 37         | 4                     |
| 18                                              | 96                                             | 73.96                   | 5840                                                         | 2.1                                    | RF 37        | 4                     |
| 19                                              | 90                                             | 69.33                   | 5870                                                         | 2.2                                    |              |                       |
| 22                                              | 80                                             | 61.18                   | 5920                                                         | 2.5                                    |              |                       |
| 24                                              | 73                                             | 55.76                   | 5940                                                         | 2.6                                    |              |                       |
| 27                                              | 63                                             | 48.08                   | 5960                                                         | 3.2                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{R0}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 11                                              | 161                                            | 123.91                  | 4070                                                         | 0.80                                   |              |                       |
| 13                                              | 137                                            | 105.49                  | 4200                                                         | 0.95                                   |              |                       |
| 15                                              | 118                                            | 90.96                   | 4280                                                         | 1.10                                   |              |                       |
| 16                                              | 110                                            | 84.78                   | 4320                                                         | 1.20                                   |              |                       |
| 18                                              | 97                                             | 74.11                   | 4370                                                         | 1.35                                   |              |                       |
| 19                                              | 91                                             | 69.47                   | 4380                                                         | 1.45                                   |              |                       |
| 22                                              | 80                                             | 61.30                   | 4320                                                         | 1.65                                   | R 27         | 4                     |
| 24                                              | 73                                             | 55.87                   | 4210                                                         | 1.80                                   | RF 27        | 4                     |
| 27                                              | 63                                             | 48.17                   | 4040                                                         | 2.1                                    |              |                       |
| 29                                              | 59                                             | 44.90                   | 3960                                                         | 2.2                                    |              |                       |
| 34                                              | 51                                             | 39.25                   | 3810                                                         | 2.5                                    |              |                       |
| 36                                              | 48                                             | 36.79                   | 3740                                                         | 2.7                                    |              |                       |
| 41                                              | 42                                             | 32.47                   | 3610                                                         | 3.1                                    |              |                       |
| 46                                              | 38                                             | 28.78                   | 3480                                                         | 3.5                                    |              |                       |
| 54                                              | 32                                             | 24.47                   | 3310                                                         | 4.1                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 47                                              | 37                                             | 28.37                   | 3470                                                         | 3.5                                    |              |                       |
| 51                                              | 34                                             | 26.09                   | 3380                                                         | 3.8                                    |              |                       |
| 59                                              | 29                                             | 22.32                   | 3220                                                         | 4.5                                    | R 27         | 4                     |
| 68                                              | 25                                             | 19.35                   | 3090                                                         | 5.2                                    | RF 27        | 4                     |
| 73                                              | 24                                             | 18.08                   | 3020                                                         | 5.5                                    |              |                       |
| 84                                              | 20                                             | 15.63                   | 2890                                                         | 6.4                                    |              |                       |
| 99                                              | 17                                             | 13.28                   | 2750                                                         | 7.5                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 16                                              | 106                                            | 81.64                   | 46                                                           | 0.80                                   |              |                       |
| 19                                              | 92                                             | 70.39                   | 1330                                                         | 0.95                                   |              |                       |
| 20                                              | 85                                             | 65.61                   | 1740                                                         | 1.00                                   |              |                       |
| 23                                              | 75                                             | 57.35                   | 2350                                                         | 1.15                                   |              |                       |
| 25                                              | 70                                             | 53.76                   | 2500                                                         | 1.20                                   |              |                       |
| 28                                              | 62                                             | 47.44                   | 2450                                                         | 1.40                                   | R 17         | 4                     |
| 30                                              | 58                                             | 44.18                   | 2410                                                         | 1.50                                   | RF 17        | 4                     |
| 34                                              | 50                                             | 38.61                   | 2340                                                         | 1.70                                   |              |                       |
| 36                                              | 47                                             | 36.20                   | 2300                                                         | 1.80                                   |              |                       |
| 41                                              | 42                                             | 31.94                   | 2240                                                         | 2.0                                    |              |                       |
| 47                                              | 37                                             | 28.32                   | 2170                                                         | 2.3                                    |              |                       |
| 55                                              | 31                                             | 24.07                   | 2080                                                         | 2.7                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 34                                              | 50                                             | 25.23                   | 2330                                                         | 1.70                                   | R 17         | 6                     |
| 38                                              | 46                                             | 23.15                   | 2290                                                         | 1.85                                   | RF 17        | 6                     |
| 44                                              | 39                                             | 19.71                   | 2200                                                         | 2.2                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 52                                              | 33                                             | 25.23                   | 2110                                                         | 2.6                                    |              |                       |
| 57                                              | 30                                             | 23.15                   | 2060                                                         | 2.8                                    |              |                       |
| 67                                              | 26                                             | 19.71                   | 1970                                                         | 3.3                                    |              |                       |
| 78                                              | 22                                             | 16.99                   | 1890                                                         | 3.6                                    |              |                       |
| 83                                              | 21                                             | 15.84                   | 1860                                                         | 4.1                                    |              |                       |
| 95                                              | 18                                             | 13.84                   | 1790                                                         | 4.7                                    |              |                       |
| 102                                             | 17                                             | 12.98                   | 1760                                                         | 5.0                                    |              |                       |
| 115                                             | 15                                             | 11.45                   | 1690                                                         | 5.4                                    | R 17         | 4                     |
| 130                                             | 13                                             | 10.15                   | 1640                                                         | 5.8                                    | RF 17        | 4                     |
| 153                                             | 11                                             | 8.63                    | 1560                                                         | 6.4                                    |              |                       |
| 175                                             | 9.8                                            | 7.55                    | 1480                                                         | 5.7                                    |              |                       |
| 188                                             | 9.2                                            | 7.04                    | 1450                                                         | 6.0                                    |              |                       |
| 215                                             | 8.0                                            | 6.15                    | 1390                                                         | 6.8                                    |              |                       |
| 229                                             | 7.5                                            | 5.76                    | 1370                                                         | 7.1                                    |              |                       |
| 259                                             | 6.6                                            | 5.09                    | 1320                                                         | 7.7                                    |              |                       |
| 293                                             | 5.9                                            | 4.51                    | 1270                                                         | 8.1                                    |              |                       |
| 344                                             | 5.0                                            | 3.83                    | 1210                                                         | 9.0                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 268                                             | 6.4                                            | 10.15                   | 1310                                                         | 12                                     |              |                       |
| 315                                             | 5.5                                            | 8.63                    | 1250                                                         | 13                                     |              |                       |
| 360                                             | 4.8                                            | 7.55                    | 1190                                                         | 12                                     |              |                       |
| 387                                             | 4.4                                            | 7.04                    | 1160                                                         | 13                                     | R 17         | 2                     |
| 442                                             | 3.9                                            | 6.15                    | 1120                                                         | 14                                     | RF 17        | 2                     |
| 472                                             | 3.6                                            | 5.76                    | 1090                                                         | 15                                     |              |                       |
| 535                                             | 3.2                                            | 5.09                    | 1050                                                         | 16                                     |              |                       |
| 603                                             | 2.8                                            | 4.51                    | 1010                                                         | 17                                     |              |                       |
| 710                                             | 2.4                                            | 3.83                    | 960                                                          | 19                                     |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 143                                             | 12                                             | 6.07                    | 4940                                                         | 3.6                                    |              |                       |
| 168                                             | 10                                             | 5.18                    | 4690                                                         | 7.3                                    | RX 67        | 6                     |
| 192                                             | 8.9                                            | 4.53                    | 4490                                                         | 9.2                                    | RXF 67       | 6                     |
| 202                                             | 8.5                                            | 4.30                    | 4410                                                         | 9.4                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 218                                             | 7.9                                              | 6.07                    | 4310                                                         | 5.4                                    |              |                       |
| 255                                             | 6.7                                              | 5.18                    | 4090                                                         | 11                                     |              |                       |
| 292                                             | 5.9                                              | 4.53                    | 3920                                                         | 14                                     |              |                       |
| 307                                             | 5.6                                              | 4.30                    | 3850                                                         | 14                                     |              |                       |
| 350                                             | 4.9                                              | 3.77                    | 3690                                                         | 18                                     |              |                       |
| 413                                             | 4.2                                              | 3.20                    | 3500                                                         | 24                                     | RX 67        | 4                     |
| 457                                             | 3.8                                              | 2.89                    | 3380                                                         | 28                                     | RXF 67       | 4                     |
| 519                                             | 3.3                                              | 2.54                    | 3240                                                         | 36                                     |              |                       |
| 550                                             | 3.1                                              | 2.40                    | 3180                                                         | 40                                     |              |                       |
| 646                                             | 2.7                                              | 2.04                    | 3020                                                         | 50                                     |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 158                                             | 11                                               | 5.50                    | 3880                                                         | 3.6                                    |              |                       |
| 172                                             | 10                                               | 5.07                    | 3780                                                         | 3.6                                    | RX 57        | 6                     |
| 200                                             | 8.6                                              | 4.35                    | 3600                                                         | 7.9                                    | RXF 57       | 6                     |
| 230                                             | 7.5                                              | 3.79                    | 3440                                                         | 9.2                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 240                                             | 7.2                                              | 5.50                    | 3400                                                         | 5.4                                    |              |                       |
| 261                                             | 6.6                                              | 5.07                    | 3310                                                         | 5.4                                    |              |                       |
| 303                                             | 5.7                                              | 4.35                    | 3150                                                         | 12                                     |              |                       |
| 348                                             | 4.9                                              | 3.79                    | 3010                                                         | 14                                     |              |                       |
| 372                                             | 4.6                                              | 3.55                    | 2950                                                         | 15                                     |              |                       |
| 421                                             | 4.1                                              | 3.14                    | 2830                                                         | 16                                     | RX 57        | 4                     |
| 453                                             | 3.8                                              | 2.91                    | 2760                                                         | 18                                     | RXF 57       | 4                     |
| 500                                             | 3.4                                              | 2.64                    | 2670                                                         | 20                                     |              |                       |
| 557                                             | 3.1                                              | 2.37                    | 2580                                                         | 22                                     |              |                       |
| 647                                             | 2.7                                              | 2.04                    | 2460                                                         | 26                                     |              |                       |
| 688                                             | 2.5                                              | 1.92                    | 2410                                                         | 28                                     |              |                       |
| 799                                             | 2.2                                              | 1.65                    | 2290                                                         | 31                                     |              |                       |
| <b>0.25kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.13                                            | 15000                                            | 9743                    | 50700                                                        | 0.85                                   |              |                       |
| 0.15                                            | 12700                                            | 8443                    | 63200                                                        | 1.00                                   |              |                       |
| 0.18                                            | 11000                                            | 7307                    | 66300                                                        | 1.20                                   |              |                       |
| 0.20                                            | 9700                                             | 6447                    | 68200                                                        | 1.35                                   | R 147 R77    | 4                     |
| 0.23                                            | 8380                                             | 5568                    | 69900                                                        | 1.55                                   | RF 147 R77   | 4                     |
| 0.26                                            | 7520                                             | 4926                    | 70800                                                        | 1.75                                   |              |                       |
| 0.30                                            | 6540                                             | 4325                    | 71800                                                        | 2.0                                    |              |                       |
| 0.35                                            | 5730                                             | 3754                    | 72400                                                        | 2.3                                    |              |                       |
| 0.39                                            | 4990                                             | 3302                    | 73000                                                        | 2.6                                    |              |                       |
| 0.45                                            | 4360                                             | 2898                    | 73300                                                        | 3.0                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.22                                            | 8680                                             | 5834                    | 51000                                                        | 0.90                                   |              |                       |
| 0.25                                            | 7860                                             | 5116                    | 53700                                                        | 1.00                                   | R 137 R77    | 4                     |
| 0.29                                            | 6720                                             | 4464                    | 55900                                                        | 1.20                                   | RF 137 R77   | 4                     |
| 0.33                                            | 5910                                             | 3928                    | 57200                                                        | 1.35                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.28                                            | 7600                                             | 4709                    | 54200                                                        | 1.05                                   |              |                       |
| 0.32                                            | 6440                                             | 4018                    | 56300                                                        | 1.25                                   |              |                       |
| 0.37                                            | 5590                                             | 3514                    | 57600                                                        | 1.45                                   | R 137 R77    | 4                     |
| 0.39                                            | 5290                                             | 3338                    | 58000                                                        | 1.50                                   | RF 137 R77   | 4                     |
| 0.44                                            | 4610                                             | 2929                    | 58900                                                        | 1.75                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.49                                            | 4090                                             | 2658                    | 59400                                                        | 1.95                                   |              |                       |
| 0.54                                            | 3710                                             | 2412                    | 59800                                                        | 2.2                                    |              |                       |
| 0.63                                            | 3190                                             | 2073                    | 60200                                                        | 2.5                                    | R 137 R77    | 4                     |
| 0.71                                            | 2760                                             | 1839                    | 60500                                                        | 2.9                                    | RF 137 R77   | 4                     |
| 0.93                                            | 2130                                             | 1397                    | 60900                                                        | 3.8                                    |              |                       |
| 1.1                                             | 1850                                             | 1226                    | 61000                                                        | 4.3                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.43                                            | 4670                                             | 3039                    | 27300                                                        | 0.90                                   | R 107 R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | RF 107 R77   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.43                                            | 4860                                             | 3034                    | 20600                                                        | 0.90                                   | R 107 R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | RF 107 R77   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.65                                            | 3030                                             | 1987                    | 34800                                                        | 1.40                                   |              |                       |
| 0.71                                            | 2740                                             | 1827                    | 35700                                                        | 1.55                                   |              |                       |
| 0.81                                            | 2370                                             | 1599                    | 36300                                                        | 1.80                                   |              |                       |
| 0.93                                            | 2100                                             | 1400                    | 36700                                                        | 2.0                                    | R 107 R77    | 4                     |
| 1.1                                             | 1810                                             | 1226                    | 37000                                                        | 2.4                                    | RF 107 R77   | 4                     |
| 1.4                                             | 1410                                             | 939                     | 37300                                                        | 3.0                                    |              |                       |
| 1.6                                             | 1220                                             | 822                     | 37400                                                        | 3.5                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.64                                            | 3160                                             | 2016                    | 12400                                                        | 0.95                                   | R 97 R57     | 4                     |
| 0.75                                            | 2780                                             | 1733                    | 22500                                                        | 1.10                                   | RF 97 R57    | 4                     |
| 0.80                                            | 2590                                             | 1623                    | 23600                                                        | 1.15                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.71                                            | 2870                                             | 1823                    | 21800                                                        | 1.05                                   |              |                       |
| 0.82                                            | 2490                                             | 1583                    | 24100                                                        | 1.20                                   |              |                       |
| 0.93                                            | 2160                                             | 1396                    | 25700                                                        | 1.40                                   |              |                       |
| 1.1                                             | 1880                                             | 1228                    | 26800                                                        | 1.60                                   | R 97 R57     | 4                     |
| 1.2                                             | 1700                                             | 1069                    | 27400                                                        | 1.75                                   | RF 97 R57    | 4                     |
| 1.4                                             | 1480                                             | 938                     | 27700                                                        | 2.0                                    |              |                       |
| 1.6                                             | 1260                                             | 824                     | 27900                                                        | 2.4                                    |              |                       |
| 1.8                                             | 1130                                             | 737                     | 28100                                                        | 2.7                                    |              |                       |
| 2.1                                             | 970                                              | 632                     | 28300                                                        | 3.1                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 1.1                                             | 1810                                             | 1145                    | 13800                                                        | 0.85                                   |              |                       |
| 1.2                                             | 1630                                             | 1037                    | 16300                                                        | 0.95                                   | R 87 R57     | 4                     |
| 1.4                                             | 1460                                             | 931                     | 17500                                                        | 1.05                                   | RF 87 R57    | 4                     |
| 1.6                                             | 1250                                             | 802                     | 18700                                                        | 1.25                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 1.1                                             | 1750                                             | 1143                    | 15400                                                        | 0.90                                   |              |                       |
| 1.5                                             | 1380                                             | 885                     | 18000                                                        | 1.10                                   |              |                       |
| 1.7                                             | 1210                                             | 776                     | 18900                                                        | 1.30                                   |              |                       |
| 1.9                                             | 1070                                             | 685                     | 19600                                                        | 1.45                                   | R 87 R57     | 4                     |
| 2.2                                             | 900                                              | 599                     | 20000                                                        | 1.70                                   | RF 87 R57    | 4                     |
| 2.5                                             | 795                                              | 525                     | 20000                                                        | 1.95                                   |              |                       |
| 2.8                                             | 695                                              | 456                     | 20000                                                        | 2.2                                    |              |                       |
| 4.9                                             | 405                                              | 268                     | 20000                                                        | 3.8                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 2.3                                             | 900                                              | 571                     | 9110                                                         | 0.90                                   | R 77 R37     | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | RF 77 R37    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 2.3                                             | 900                                              | 560                     | 9110                                                         | 0.90                                   |              |                       |
| 2.7                                             | 775                                              | 488                     | 10300                                                        | 1.05                                   |              |                       |
| 3.0                                             | 690                                              | 436                     | 11000                                                        | 1.20                                   |              |                       |
| 3.5                                             | 590                                              | 373                     | 11600                                                        | 1.40                                   | R 77 R37     | 4                     |
| 4.0                                             | 520                                              | 327                     | 12000                                                        | 1.60                                   | RF 77 R37    | 4                     |
| 4.5                                             | 460                                              | 289                     | 12300                                                        | 1.80                                   |              |                       |
| 5.0                                             | 410                                              | 260                     | 12400                                                        | 2.0                                    |              |                       |
| 5.8                                             | 345                                              | 224                     | 12700                                                        | 2.4                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 3.3                                             | 605                                              | 388                     | 7490                                                         | 1.00                                   |              |                       |
| 3.8                                             | 550                                              | 344                     | 8120                                                         | 1.10                                   |              |                       |
| 4.4                                             | 455                                              | 294                     | 8950                                                         | 1.30                                   |              |                       |
| 5.0                                             | 410                                              | 261                     | 9260                                                         | 1.45                                   | R 67 R37     | 4                     |
| 5.6                                             | 370                                              | 234                     | 9520                                                         | 1.60                                   | RF 67 R37    | 4                     |
| 6.5                                             | 315                                              | 200                     | 9820                                                         | 1.90                                   |              |                       |
| 7.4                                             | 270                                              | 176                     | 10000                                                        | 2.2                                    |              |                       |
| 8.2                                             | 245                                              | 158                     | 10100                                                        | 2.5                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 3.4                                             | 630                                              | 384                     | 7220                                                         | 0.95                                   |              |                       |
| 3.6                                             | 585                                              | 359                     | 7730                                                         | 1.05                                   |              |                       |
| 4.2                                             | 505                                              | 310                     | 8560                                                         | 1.20                                   |              |                       |
| 4.9                                             | 425                                              | 264                     | 9180                                                         | 1.40                                   | R 67 R37     | 4                     |
| 5.5                                             | 375                                              | 235                     | 9480                                                         | 1.60                                   | RF 67 R37    | 4                     |
| 5.5                                             | 320                                              | 201                     | 9790                                                         | 1.90                                   |              |                       |
| 7.2                                             | 290                                              | 181                     | 9940                                                         | 2.1                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 4.1                                             | 505                                              | 319                     | 6590                                                         | 0.90                                   |              |                       |
| 4.8                                             | 425                                              | 273                     | 7200                                                         | 1.05                                   |              |                       |
| 5.4                                             | 375                                              | 241                     | 7410                                                         | 1.20                                   |              |                       |
| 6.1                                             | 335                                              | 215                     | 7540                                                         | 1.35                                   | R 57 R37     | 4                     |
| 6.9                                             | 295                                              | 187                     | 7650                                                         | 1.55                                   | RF 57 R37    | 4                     |
| 7.9                                             | 255                                              | 164                     | 7740                                                         | 1.75                                   |              |                       |
| 9.2                                             | 220                                              | 142                     | 7810                                                         | 2.0                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 4.0                                             | 530                                              | 324                     | 5580                                                         | 0.85                                   |              |                       |
| 4.5                                             | 470                                              | 290                     | 7010                                                         | 0.95                                   | R 57 R37     | 4                     |
| 5.0                                             | 425                                              | 262                     | 7210                                                         | 1.05                                   | RF 57 R37    | 4                     |
| 5.3                                             | 395                                              | 246                     | 7320                                                         | 1.15                                   |              |                       |
| 5.9                                             | 355                                              | 220                     | 7470                                                         | 1.30                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 5.7                                             | 365                                              | 228                     | 3070                                                         | 0.80                                   |              |                       |
| 6.7                                             | 310                                              | 195                     | 5370                                                         | 0.95                                   | R 47 R37     | 4                     |
| 7.1                                             | 290                                              | 182                     | 5480                                                         | 1.05                                   | RF 47 R37    | 4                     |
| 8.5                                             | 240                                              | 154                     | 5700                                                         | 1.25                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 8.7                                             | 240                                              | 150                     | 3420                                                         | 0.85                                   |              |                       |
| 10                                              | 205                                              | 130                     | 4870                                                         | 0.95                                   |              |                       |
| 10                                              | 196                                              | 124                     | 5000                                                         | 1.00                                   | R 37 R17     | 4                     |
| 12                                              | 174                                              | 110                     | 5250                                                         | 1.15                                   | RF 37 R17    | 4                     |
| 14                                              | 148                                              | 94                      | 5490                                                         | 1.35                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model          | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-----------------------|-----------------------|
| <b>0.25kW</b>                                   |                                                  |                       |                                                              |                                        |                       |                       |
| 8.4                                             | 250                                              | 156                   | 2350                                                         | 0.80                                   | R 37 R17<br>RF 37 R17 | 4                     |
| 9.7                                             | 215                                              | 135                   | 4740                                                         | 0.95                                   |                       | 4                     |
| 10                                              | 210                                              | 127                   | 4840                                                         | 0.95                                   |                       | 4                     |
| 13                                              | 169                                              | 104                   | 5290                                                         | 1.20                                   |                       | 4                     |
| 14                                              | 146                                              | 90                    | 5500                                                         | 1.35                                   |                       | 4                     |
| 2.3                                             | 1020                                             | 289.74                | 28200                                                        | 3.0                                    | R 97<br>RF 97         | 8                     |
| 2.7                                             | 900                                              | 255.71                | 28300                                                        | 3.3                                    |                       | 8                     |
| 2.8                                             | 850                                              | 241.25                | 28400                                                        | 3.5                                    |                       | 8                     |
| 3.1                                             | 760                                              | 216.28                | 28400                                                        | 4.0                                    |                       | 8                     |
| 2.8                                             | 870                                              | 246.54                | 20000                                                        | 1.80                                   | R 87<br>RF 87         | 8                     |
| 3.1                                             | 760                                              | 216.54                | 20000                                                        | 2.0                                    |                       | 8                     |
| 3.3                                             | 720                                              | 205.71                | 20000                                                        | 2.2                                    |                       | 8                     |
| 3.7                                             | 640                                              | 181.77                | 20000                                                        | 2.4                                    |                       | 8                     |
| 4.1                                             | 585                                              | 166.59                | 11600                                                        | 1.40                                   | R 77<br>RF 77         | 8                     |
| 4.7                                             | 510                                              | 145.67                | 12000                                                        | 1.60                                   |                       | 8                     |
| 4.9                                             | 485                                              | 138.39                | 12100                                                        | 1.70                                   |                       | 8                     |
| 5.6                                             | 425                                              | 121.42                | 12400                                                        | 1.90                                   |                       | 8                     |
| 4.5                                             | 530                                              | 195.24                | 11900                                                        | 1.55                                   | R 77<br>RF 77         | 6                     |
| 5.3                                             | 450                                              | 166.59                | 12300                                                        | 1.80                                   |                       | 6                     |
| 6.0                                             | 395                                              | 145.67                | 12500                                                        | 2.1                                    |                       | 6                     |
| 6.7                                             | 360                                              | 195.24                | 12600                                                        | 2.3                                    | R 77<br>RF 77         | 4                     |
| 7.8                                             | 305                                              | 166.59                | 12800                                                        | 2.7                                    |                       | 4                     |
| 8.9                                             | 270                                              | 145.67                | 12900                                                        | 3.1                                    |                       | 4                     |
| 9.4                                             | 255                                              | 138.39                | 12900                                                        | 3.2                                    |                       | 4                     |
| 11                                              | 225                                              | 121.42                | 13000                                                        | 3.7                                    |                       | 4                     |
| 4.3                                             | 555                                              | 158.14                | 8060                                                         | 1.10                                   | R 67<br>RF 67         | 8                     |
| 4.9                                             | 485                                              | 137.67                | 8730                                                         | 1.25                                   |                       | 8                     |
| 5.3                                             | 455                                              | 128.97                | 8970                                                         | 1.35                                   |                       | 8                     |
| 6.0                                             | 400                                              | 113.94                | 9340                                                         | 1.50                                   |                       | 8                     |
| 4.4                                             | 540                                              | 199.81                | 8190                                                         | 1.10                                   | R 67<br>RF 67         | 6                     |
| 4.8                                             | 500                                              | 184.07                | 8590                                                         | 1.20                                   |                       | 6                     |
| 5.6                                             | 430                                              | 158.14                | 9140                                                         | 1.40                                   |                       | 6                     |
| 6.4                                             | 375                                              | 137.67                | 9500                                                         | 1.60                                   |                       | 6                     |
| 6.8                                             | 350                                              | 128.97                | 9630                                                         | 1.70                                   |                       | 6                     |
| 7.7                                             | 310                                              | 113.94                | 9840                                                         | 1.95                                   |                       | 6                     |
| 8.3                                             | 285                                              | 105.83                | 9940                                                         | 2.1                                    |                       | 6                     |
| 6.5                                             | 365                                              | 199.81                | 9540                                                         | 1.65                                   |                       | 4                     |
| 7.1                                             | 340                                              | 184.07                | 9700                                                         | 1.80                                   | R 67<br>RF 67         | 4                     |
| 8.2                                             | 290                                              | 158.14                | 9930                                                         | 2.1                                    |                       | 4                     |
| 9.4                                             | 255                                              | 137.67                | 10100                                                        | 2.4                                    |                       | 4                     |
| 10                                              | 235                                              | 128.94                | 10100                                                        | 2.5                                    |                       | 4                     |
| 11                                              | 210                                              | 113.94                | 10200                                                        | 2.9                                    |                       | 4                     |
| 12                                              | 194                                              | 105.83                | 10300                                                        | 3.1                                    |                       | 4                     |
| 14                                              | 176                                              | 95.91                 | 10300                                                        | 3.4                                    |                       | 4                     |
| 15                                              | 158                                              | 86.11                 | 10400                                                        | 3.8                                    |                       | 4                     |
| 4.7                                             | 505                                              | 186.89                | 6450                                                         | 0.90                                   | R 57<br>RF 57         | 6                     |
| 5.1                                             | 465                                              | 172.17                | 7030                                                         | 0.95                                   |                       | 6                     |
| 5.9                                             | 400                                              | 147.92                | 7300                                                         | 1.10                                   |                       | 6                     |
| 6.8                                             | 350                                              | 128.77                | 7480                                                         | 1.30                                   |                       | 6                     |
| 7.3                                             | 325                                              | 120.63                | 7550                                                         | 1.35                                   |                       | 6                     |
| 8.3                                             | 290                                              | 106.58                | 7660                                                         | 1.55                                   |                       | 6                     |
| 8.9                                             | 270                                              | 98.99                 | 7710                                                         | 1.70                                   |                       | 6                     |
| 7.0                                             | 345                                              | 186.89                | 7500                                                         | 1.30                                   | R 57<br>RF 57         | 4                     |
| 7.6                                             | 315                                              | 172.17                | 7590                                                         | 1.40                                   |                       | 4                     |
| 8.8                                             | 270                                              | 147.92                | 7700                                                         | 1.65                                   |                       | 4                     |
| 10                                              | 235                                              | 128.77                | 7780                                                         | 1.90                                   |                       | 4                     |
| 11                                              | 220                                              | 120.63                | 7810                                                         | 2.0                                    |                       | 4                     |
| 12                                              | 196                                              | 106.58                | 7860                                                         | 2.3                                    |                       | 4                     |
| 13                                              | 182                                              | 98.99                 | 7880                                                         | 2.5                                    |                       | 4                     |
| 14                                              | 165                                              | 89.71                 | 7910                                                         | 2.7                                    |                       | 4                     |
| 16                                              | 148                                              | 80.55                 | 7930                                                         | 3.0                                    |                       | 4                     |
| 19                                              | 127                                              | 69.23                 | 7960                                                         | 3.5                                    |                       | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model  | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|---------------|-----------------------|
| <b>0.25kW</b>                                   |                                                  |                       |                                                              |                                        |               |                       |
| 7.3                                             | 325                                              | 176.88                | 5280                                                         | 0.90                                   | R 47<br>RF 47 | 4                     |
| 8.0                                             | 300                                              | 162.94                | 5420                                                         | 1.00                                   |               | 4                     |
| 9.3                                             | 255                                              | 139.99                | 5630                                                         | 1.15                                   |               | 4                     |
| 11                                              | 225                                              | 121.87                | 5770                                                         | 1.35                                   |               | 4                     |
| 11                                              | 210                                              | 114.17                | 5820                                                         | 1.45                                   |               | 4                     |
| 13                                              | 185                                              | 100.86                | 5900                                                         | 1.60                                   |               | 4                     |
| 14                                              | 172                                              | 93.68                 | 5940                                                         | 1.75                                   |               | 4                     |
| 15                                              | 156                                              | 84.90                 | 5980                                                         | 1.90                                   |               | 4                     |
| 17                                              | 140                                              | 76.23                 | 6020                                                         | 2.1                                    |               | 4                     |
| 19                                              | 126                                              | 68.54                 | 6050                                                         | 2.4                                    |               | 4                     |
| 20                                              | 118                                              | 64.21                 | 6070                                                         | 2.5                                    |               | 4                     |
| 23                                              | 104                                              | 56.73                 | 6090                                                         | 2.9                                    |               | 4                     |
| 25                                              | 97                                               | 52.69                 | 6100                                                         | 3.1                                    |               | 4                     |
| 27                                              | 88                                               | 47.75                 | 6080                                                         | 3.4                                    |               | 4                     |
| 9.6                                             | 250                                              | 134.82                | 2630                                                         | 0.80                                   | R 37<br>RF 37 | 4                     |
| 11                                              | 225                                              | 123.66                | 4560                                                         | 0.90                                   |               | 4                     |
| 12                                              | 193                                              | 105.28                | 5030                                                         | 1.05                                   |               | 4                     |
| 14                                              | 167                                              | 90.77                 | 5320                                                         | 1.20                                   |               | 4                     |
| 15                                              | 155                                              | 84.61                 | 5420                                                         | 1.30                                   |               | 4                     |
| 18                                              | 136                                              | 73.96                 | 5590                                                         | 1.45                                   |               | 4                     |
| 19                                              | 127                                              | 69.33                 | 5650                                                         | 1.55                                   |               | 4                     |
| 21                                              | 112                                              | 61.18                 | 5750                                                         | 1.80                                   |               | 4                     |
| 23                                              | 102                                              | 55.76                 | 5800                                                         | 1.95                                   |               | 4                     |
| 27                                              | 88                                               | 48.08                 | 5870                                                         | 2.3                                    |               | 4                     |
| 29                                              | 82                                               | 44.81                 | 5760                                                         | 2.4                                    |               | 4                     |
| 33                                              | 72                                               | 39.17                 | 5540                                                         | 2.8                                    |               | 4                     |
| 35                                              | 67                                               | 36.72                 | 5430                                                         | 3.0                                    |               | 4                     |
| 40                                              | 60                                               | 32.40                 | 5230                                                         | 3.4                                    |               | 4                     |
| 15                                              | 156                                              | 84.78                 | 4100                                                         | 0.85                                   | R 27<br>RF 27 | 4                     |
| 18                                              | 136                                              | 74.11                 | 4210                                                         | 0.95                                   |               | 4                     |
| 19                                              | 128                                              | 69.47                 | 4250                                                         | 1.00                                   |               | 4                     |
| 21                                              | 113                                              | 61.30                 | 4190                                                         | 1.15                                   |               | 4                     |
| 23                                              | 103                                              | 55.87                 | 4090                                                         | 1.25                                   |               | 4                     |
| 27                                              | 89                                               | 48.17                 | 3940                                                         | 1.45                                   |               | 4                     |
| 29                                              | 83                                               | 44.90                 | 3870                                                         | 1.60                                   |               | 4                     |
| 33                                              | 72                                               | 39.25                 | 3730                                                         | 1.80                                   |               | 4                     |
| 35                                              | 68                                               | 36.79                 | 3670                                                         | 1.90                                   |               | 4                     |
| 40                                              | 60                                               | 32.47                 | 3540                                                         | 2.2                                    |               | 4                     |
| 45                                              | 53                                               | 28.78                 | 3420                                                         | 2.5                                    |               | 4                     |
| 53                                              | 45                                               | 24.47                 | 3270                                                         | 2.9                                    |               | 4                     |
| 46                                              | 52                                               | 28.37                 | 3410                                                         | 2.5                                    | R 27<br>RF 27 | 4                     |
| 50                                              | 48                                               | 26.09                 | 3330                                                         | 2.7                                    |               | 4                     |
| 58                                              | 41                                               | 22.32                 | 3180                                                         | 3.2                                    |               | 4                     |
| 67                                              | 36                                               | 19.35                 | 3050                                                         | 3.7                                    |               | 4                     |
| 72                                              | 33                                               | 18.08                 | 2990                                                         | 3.9                                    |               | 4                     |
| 83                                              | 29                                               | 15.63                 | 2860                                                         | 4.5                                    |               | 4                     |
| 98                                              | 24                                               | 13.28                 | 2730                                                         | 5.3                                    |               | 4                     |
| 110                                             | 22                                               | 11.86                 | 2630                                                         | 5.9                                    |               | 4                     |
| 128                                             | 19                                               | 10.13                 | 2510                                                         | 6.6                                    |               | 4                     |
| 138                                             | 17                                               | 9.41                  | 2440                                                         | 7.1                                    |               | 4                     |
| 159                                             | 15                                               | 8.16                  | 2330                                                         | 7.7                                    |               | 4                     |
| 170                                             | 14                                               | 7.63                  | 2290                                                         | 8.0                                    |               | 4                     |
| 197                                             | 12                                               | 6.59                  | 2180                                                         | 8.8                                    |               | 4                     |
| 232                                             | 10                                               | 5.60                  | 2080                                                         | 9.6                                    |               | 4                     |
| 260                                             | 9.2                                              | 5.00                  | 2000                                                         | 10                                     |               | 4                     |
| 304                                             | 7.8                                              | 4.27                  | 1910                                                         | 11                                     |               | 4                     |
| 325                                             | 7.3                                              | 4.00                  | 1870                                                         | 12                                     |               | 4                     |
| 386                                             | 6.2                                              | 3.37                  | 1770                                                         | 13                                     |               | 4                     |
| 23                                              | 105                                              | 57.35                 | 156                                                          | 0.80                                   | R 17<br>RF 17 | 4                     |
| 24                                              | 99                                               | 53.76                 | 785                                                          | 0.85                                   |               | 4                     |
| 27                                              | 87                                               | 47.44                 | 1630                                                         | 1.00                                   |               | 4                     |
| 29                                              | 81                                               | 44.18                 | 2000                                                         | 1.05                                   |               | 4                     |
| 34                                              | 71                                               | 38.61                 | 2200                                                         | 1.20                                   |               | 4                     |
| 36                                              | 67                                               | 36.20                 | 2180                                                         | 1.30                                   |               | 4                     |
| 41                                              | 59                                               | 31.94                 | 2130                                                         | 1.45                                   |               | 4                     |
| 46                                              | 52                                               | 28.32                 | 2070                                                         | 1.65                                   |               | 4                     |
| 54                                              | 44                                               | 24.07                 | 2000                                                         | 1.90                                   |               | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 52                                              | 46                                             | 25.23                 | 2020                                                         | 1.85                                   |              |                       |
| 56                                              | 43                                             | 23.15                 | 1980                                                         | 2.0                                    |              |                       |
| 66                                              | 36                                             | 19.71                 | 1910                                                         | 2.3                                    |              |                       |
| 77                                              | 31                                             | 16.99                 | 1840                                                         | 2.7                                    |              |                       |
| 82                                              | 29                                             | 15.84                 | 1810                                                         | 2.9                                    |              |                       |
| 94                                              | 25                                             | 13.84                 | 1750                                                         | 3.3                                    |              |                       |
| 100                                             | 24                                             | 12.98                 | 1720                                                         | 3.6                                    |              |                       |
| 114                                             | 21                                             | 11.45                 | 1660                                                         | 3.9                                    | R 17         | 4                     |
| 128                                             | 19                                             | 10.15                 | 1600                                                         | 4.1                                    | RF 17        | 4                     |
| 151                                             | 16                                             | 8.63                  | 1530                                                         | 4.6                                    |              |                       |
| 172                                             | 14                                             | 7.55                  | 1450                                                         | 4.0                                    |              |                       |
| 185                                             | 13                                             | 7.04                  | 1420                                                         | 4.3                                    |              |                       |
| 211                                             | 11                                             | 6.15                  | 1370                                                         | 4.8                                    |              |                       |
| 226                                             | 11                                             | 5.76                  | 1350                                                         | 5.0                                    |              |                       |
| 256                                             | 9.3                                            | 5.09                  | 1300                                                         | 5.5                                    |              |                       |
| 288                                             | 8.3                                            | 4.51                  | 1250                                                         | 5.8                                    |              |                       |
| 339                                             | 7.0                                            | 3.83                  | 1190                                                         | 6.4                                    |              |                       |
| 433                                             | 5.5                                            | 6.15                  | 1110                                                         | 9.8                                    | R 17         | 2                     |
| 461                                             | 5.2                                            | 5.76                  | 1090                                                         | 10                                     | RF 17        | 2                     |
| 523                                             | 4.6                                            | 5.09                  | 1050                                                         | 11                                     |              |                       |
| 590                                             | 4.0                                            | 4.51                  | 1010                                                         | 12                                     |              |                       |
| 694                                             | 3.4                                            | 3.83                  | 960                                                          | 13                                     |              |                       |
| 145                                             | 17                                             | 6.07                  | 4890                                                         | 2.6                                    | RX 67        | 6                     |
| 170                                             | 14                                             | 5.18                  | 4650                                                         | 5.4                                    | RXF67        | 6                     |
| 194                                             | 12                                             | 4.53                  | 4450                                                         | 6.7                                    |              |                       |
| 205                                             | 12                                             | 4.30                  | 4380                                                         | 6.8                                    |              |                       |
| 214                                             | 11                                             | 6.07                  | 4310                                                         | 3.9                                    |              |                       |
| 251                                             | 9.5                                            | 5.18                  | 4100                                                         | 7.9                                    |              |                       |
| 287                                             | 8.3                                            | 4.53                  | 3920                                                         | 9.9                                    |              |                       |
| 302                                             | 7.9                                            | 4.30                  | 3860                                                         | 10                                     |              |                       |
| 345                                             | 6.9                                            | 3.77                  | 3700                                                         | 13                                     | RX 67        | 4                     |
| 406                                             | 5.9                                            | 3.20                  | 3500                                                         | 17                                     | RXF67        | 4                     |
| 450                                             | 5.3                                            | 2.89                  | 3390                                                         | 20                                     |              |                       |
| 511                                             | 4.7                                            | 2.54                  | 3250                                                         | 25                                     |              |                       |
| 542                                             | 4.4                                            | 2.40                  | 3190                                                         | 28                                     |              |                       |
| 636                                             | 3.8                                            | 2.04                  | 3020                                                         | 35                                     |              |                       |
| 160                                             | 15                                             | 5.50                  | 3840                                                         | 2.6                                    | RX 57        | 6                     |
| 174                                             | 14                                             | 5.07                  | 3740                                                         | 2.6                                    | RXF57        | 6                     |
| 202                                             | 12                                             | 4.35                  | 3560                                                         | 5.8                                    |              |                       |
| 232                                             | 10                                             | 3.79                  | 3410                                                         | 6.7                                    |              |                       |
| 236                                             | 10                                             | 5.50                  | 3390                                                         | 3.9                                    |              |                       |
| 257                                             | 9.3                                            | 5.07                  | 3300                                                         | 3.9                                    |              |                       |
| 299                                             | 8.0                                            | 4.35                  | 3150                                                         | 8.5                                    |              |                       |
| 343                                             | 7.0                                            | 3.79                  | 3010                                                         | 9.9                                    |              |                       |
| 366                                             | 6.5                                            | 3.55                  | 2950                                                         | 11                                     |              |                       |
| 414                                             | 5.8                                            | 3.14                  | 2830                                                         | 11                                     | RX 57        | 4                     |
| 446                                             | 5.3                                            | 2.91                  | 2760                                                         | 13                                     | RXF57        | 4                     |
| 492                                             | 4.8                                            | 2.64                  | 2680                                                         | 14                                     |              |                       |
| 548                                             | 4.4                                            | 2.37                  | 2580                                                         | 16                                     |              |                       |
| 637                                             | 3.7                                            | 2.04                  | 2460                                                         | 19                                     |              |                       |
| 677                                             | 3.5                                            | 1.92                  | 2410                                                         | 20                                     |              |                       |
| 787                                             | 3.0                                            | 1.65                  | 2300                                                         | 23                                     |              |                       |
| <b>0.37kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 0.19                                            | 15800                                          | 7307                  | 39000                                                        | 0.80                                   |              |                       |
| 0.21                                            | 14000                                          | 6447                  | 60600                                                        | 0.95                                   |              |                       |
| 0.25                                            | 12100                                          | 5568                  | 64400                                                        | 1.10                                   | R 147 R77    | 4                     |
| 0.28                                            | 10800                                          | 4926                  | 66600                                                        | 1.20                                   | RF 147 R77   | 4                     |
| 0.32                                            | 9400                                           | 4325                  | 68600                                                        | 1.40                                   |              |                       |
| 0.37                                            | 8210                                           | 3754                  | 70100                                                        | 1.60                                   |              |                       |
| 0.42                                            | 7180                                           | 3302                  | 71200                                                        | 1.80                                   |              |                       |
| 0.48                                            | 6280                                           | 2898                  | 72000                                                        | 2.1                                    |              |                       |
| 0.31                                            | 9570                                           | 4464                  | 40700                                                        | 0.85                                   | R 137 R77    | 4                     |
| 0.35                                            | 8510                                           | 3928                  | 51800                                                        | 0.95                                   | RF 137 R77   | 4                     |
| 0.34                                            | 9140                                           | 4018                  | 48900                                                        | 0.90                                   |              |                       |
| 0.39                                            | 7950                                           | 3514                  | 53500                                                        | 1.00                                   |              |                       |
| 0.41                                            | 7540                                           | 3338                  | 54300                                                        | 1.05                                   | R 137 R77    | 4                     |
| 0.47                                            | 6580                                           | 2929                  | 56100                                                        | 1.20                                   | RF 137 R77   | 4                     |
| 0.56                                            | 5540                                           | 2484                  | 57700                                                        | 1.45                                   |              |                       |
| 0.62                                            | 4980                                           | 2242                  | 58400                                                        | 1.60                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.37kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 0.52                                            | 5880                                           | 2658                  | 57200                                                        | 1.35                                   |              |                       |
| 0.57                                            | 5330                                           | 2412                  | 58000                                                        | 1.50                                   |              |                       |
| 0.67                                            | 4580                                           | 2073                  | 58900                                                        | 1.75                                   |              |                       |
| 0.75                                            | 3990                                           | 1839                  | 59500                                                        | 2.0                                    | R 137 R77    | 4                     |
| 0.99                                            | 3070                                           | 1397                  | 60300                                                        | 2.6                                    | RF137 R77    | 4                     |
| 1.1                                             | 2670                                           | 1226                  | 60600                                                        | 3.0                                    |              |                       |
| 1.3                                             | 2400                                           | 1090                  | 60700                                                        | 3.3                                    |              |                       |
| 1.5                                             | 2090                                           | 951                   | 60900                                                        | 3.8                                    |              |                       |
| 0.67                                            | 4610                                           | 2067                  | 27700                                                        | 0.95                                   |              |                       |
| 0.82                                            | 3760                                           | 1693                  | 32100                                                        | 1.15                                   |              |                       |
| 0.89                                            | 3410                                           | 1550                  | 33500                                                        | 1.25                                   | R 107 R77    | 4                     |
| 0.98                                            | 3090                                           | 1407                  | 34600                                                        | 1.40                                   | RF107 R77    | 4                     |
| 1.1                                             | 2660                                           | 1209                  | 35900                                                        | 1.60                                   |              |                       |
| 1.3                                             | 2320                                           | 1055                  | 36400                                                        | 1.85                                   |              |                       |
| 0.69                                            | 4370                                           | 1987                  | 29100                                                        | 1.00                                   |              |                       |
| 0.76                                            | 3970                                           | 1827                  | 31100                                                        | 1.10                                   |              |                       |
| 0.86                                            | 3440                                           | 1599                  | 33400                                                        | 1.25                                   | R 107 R77    | 4                     |
| 0.99                                            | 3040                                           | 1400                  | 34800                                                        | 1.40                                   | RF107 R77    | 4                     |
| 1.1                                             | 2640                                           | 1226                  | 36000                                                        | 1.65                                   |              |                       |
| 1.5                                             | 2040                                           | 939                   | 36700                                                        | 2.1                                    |              |                       |
| 1.7                                             | 1770                                           | 822                   | 37000                                                        | 2.4                                    |              |                       |
| 0.96                                            | 3240                                           | 1434                  | 4430                                                         | 0.95                                   | R 97 R57     | 4                     |
| 1.1                                             | 2710                                           | 1207                  | 22900                                                        | 1.10                                   | RF97 R57     | 4                     |
| 1.3                                             | 2430                                           | 1084                  | 24500                                                        | 1.25                                   |              |                       |
| 0.99                                            | 3100                                           | 1396                  | 15400                                                        | 0.95                                   |              |                       |
| 1.1                                             | 2710                                           | 1228                  | 22900                                                        | 1.10                                   |              |                       |
| 1.3                                             | 2410                                           | 1069                  | 24500                                                        | 1.25                                   |              |                       |
| 1.5                                             | 2110                                           | 938                   | 25900                                                        | 1.40                                   |              |                       |
| 1.7                                             | 1820                                           | 824                   | 27100                                                        | 1.65                                   | R 97 R57     | 4                     |
| 1.9                                             | 1630                                           | 737                   | 27500                                                        | 1.85                                   | RF97 R57     | 4                     |
| 2.2                                             | 1390                                           | 632                   | 27800                                                        | 2.2                                    |              |                       |
| 3.2                                             | 960                                            | 431                   | 28300                                                        | 3.1                                    |              |                       |
| 3.6                                             | 840                                            | 379                   | 28400                                                        | 3.6                                    |              |                       |
| 4.1                                             | 745                                            | 336                   | 28400                                                        | 4.0                                    |              |                       |
| 1.7                                             | 1780                                           | 802                   | 15100                                                        | 0.85                                   | R 87 R57     | 4                     |
| 1.8                                             | 1670                                           | 754                   | 16000                                                        | 0.95                                   | RF87 R57     | 4                     |
| 2.1                                             | 1430                                           | 649                   | 17700                                                        | 1.10                                   |              |                       |
| 1.8                                             | 1730                                           | 776                   | 15500                                                        | 0.90                                   |              |                       |
| 2.0                                             | 1530                                           | 685                   | 17100                                                        | 1.00                                   |              |                       |
| 2.3                                             | 1310                                           | 599                   | 18400                                                        | 1.20                                   | R 87 R57     | 4                     |
| 2.6                                             | 1150                                           | 525                   | 19200                                                        | 1.35                                   | RF87 R57     | 4                     |
| 3.0                                             | 1000                                           | 456                   | 19800                                                        | 1.55                                   |              |                       |
| 5.2                                             | 585                                            | 268                   | 20000                                                        | 2.7                                    |              |                       |
| 5.8                                             | 515                                            | 236                   | 20000                                                        | 3.0                                    |              |                       |
| 2.6                                             | 1230                                           | 538                   | 18800                                                        | 1.25                                   |              |                       |
| 2.9                                             | 1080                                           | 472                   | 19500                                                        | 1.45                                   | R 87 R57     | 4                     |
| 3.5                                             | 910                                            | 400                   | 20000                                                        | 1.70                                   | RF87 R57     | 4                     |
| 3.8                                             | 810                                            | 361                   | 20000                                                        | 1.90                                   |              |                       |
| 3.2                                             | 980                                            | 436                   | 5390                                                         | 0.85                                   |              |                       |
| 3.7                                             | 840                                            | 373                   | 9720                                                         | 0.95                                   |              |                       |
| 4.2                                             | 740                                            | 327                   | 10600                                                        | 1.10                                   |              |                       |
| 4.8                                             | 655                                            | 289                   | 11200                                                        | 1.25                                   | R 77 R37     | 4                     |
| 5.3                                             | 585                                            | 260                   | 11600                                                        | 1.40                                   | RF77 R37     | 4                     |
| 6.2                                             | 500                                            | 224                   | 12100                                                        | 1.65                                   |              |                       |
| 7.0                                             | 435                                            | 197                   | 12400                                                        | 1.90                                   |              |                       |
| 8.1                                             | 380                                            | 169                   | 12600                                                        | 2.2                                    |              |                       |
| 9.3                                             | 335                                            | 149                   | 12700                                                        | 2.5                                    |              |                       |
| 4.7                                             | 650                                            | 294                   | 6230                                                         | 0.90                                   |              |                       |
| 5.3                                             | 585                                            | 261                   | 7710                                                         | 1.00                                   | R 67 R37     | 4                     |
| 5.9                                             | 525                                            | 234                   | 8340                                                         | 1.15                                   | RF67 R37     | 4                     |
| 6.9                                             | 450                                            | 200                   | 9010                                                         | 1.35                                   |              |                       |
| 2.7                                             | 1330                                           | 255.71                | 27900                                                        | 2.3                                    |              |                       |
| 2.8                                             | 1250                                           | 241.25                | 28000                                                        | 2.4                                    | R 97         | 8                     |
| 3.1                                             | 1120                                           | 216.28                | 28100                                                        | 2.7                                    | RF97         | 8                     |
| 3.7                                             | 970                                            | 186.30                | 28300                                                        | 3.1                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model  | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|---------------|-----------------------|
| 0.37kW                                          |                                                  |                         |                                                              |                                        |               |                       |
| 3.1                                             | 1140                                             | 289.74                  | 28100                                                        | 2.6                                    | R 97<br>RF 97 | 6                     |
| 3.5                                             | 1000                                             | 255.71                  | 28200                                                        | 3.0                                    |               | 6                     |
| 3.7                                             | 950                                              | 241.25                  | 28300                                                        | 3.2                                    |               | 6                     |
| 4.2                                             | 850                                              | 216.28                  | 28400                                                        | 3.5                                    |               | 6                     |
| 3.1                                             | 1130                                             | 216.54                  | 19300                                                        | 1.40                                   | R 87<br>RF 87 | 8                     |
| 3.3                                             | 1070                                             | 205.71                  | 19600                                                        | 1.45                                   |               | 8                     |
| 3.7                                             | 940                                              | 181.77                  | 20000                                                        | 1.65                                   |               | 8                     |
| 3.7                                             | 970                                              | 246.54                  | 20000                                                        | 1.60                                   | R 87<br>RF 87 | 6                     |
| 4.2                                             | 850                                              | 216.54                  | 20000                                                        | 1.80                                   |               | 6                     |
| 4.4                                             | 810                                              | 205.71                  | 20000                                                        | 1.90                                   |               | 6                     |
| 4.9                                             | 715                                              | 181.77                  | 20000                                                        | 2.2                                    |               | 6                     |
| 5.8                                             | 610                                              | 155.34                  | 20000                                                        | 2.5                                    |               | 6                     |
| 6.3                                             | 560                                              | 142.41                  | 20000                                                        | 2.8                                    |               | 6                     |
| 4.7                                             | 755                                              | 145.67                  | 10500                                                        | 1.10                                   | R 77<br>RF 77 | 8                     |
| 4.9                                             | 720                                              | 138.39                  | 10800                                                        | 1.15                                   |               | 8                     |
| 5.6                                             | 630                                              | 121.42                  | 11400                                                        | 1.30                                   |               | 8                     |
| 5.4                                             | 655                                              | 166.59                  | 11200                                                        | 1.25                                   | R 77<br>RF 77 | 6                     |
| 6.2                                             | 570                                              | 145.67                  | 11700                                                        | 1.45                                   |               | 6                     |
| 6.5                                             | 545                                              | 138.39                  | 11900                                                        | 1.50                                   |               | 6                     |
| 7.1                                             | 500                                              | 195.24                  | 12100                                                        | 1.65                                   | R 77<br>RF 77 | 4                     |
| 8.3                                             | 425                                              | 166.59                  | 12400                                                        | 1.90                                   |               | 4                     |
| 9.5                                             | 375                                              | 145.67                  | 12600                                                        | 2.2                                    |               | 4                     |
| 10                                              | 355                                              | 138.39                  | 12600                                                        | 2.3                                    |               | 4                     |
| 11                                              | 310                                              | 121.42                  | 12800                                                        | 2.6                                    |               | 4                     |
| 13                                              | 265                                              | 102.99                  | 12900                                                        | 3.1                                    |               | 4                     |
| 15                                              | 240                                              | 92.97                   | 12900                                                        | 3.5                                    |               | 4                     |
| 5.7                                             | 620                                              | 158.14                  | 7300                                                         | 0.95                                   | R 67<br>RF 67 | 6                     |
| 6.5                                             | 540                                              | 137.67                  | 8210                                                         | 1.10                                   |               | 6                     |
| 7.0                                             | 505                                              | 128.97                  | 8530                                                         | 1.20                                   |               | 6                     |
| 7.9                                             | 445                                              | 113.94                  | 9010                                                         | 1.35                                   |               | 6                     |
| 6.9                                             | 510                                              | 199.81                  | 8480                                                         | 1.15                                   | R 67<br>RF 67 | 4                     |
| 7.5                                             | 470                                              | 184.07                  | 8820                                                         | 1.25                                   |               | 4                     |
| 8.7                                             | 405                                              | 158.14                  | 9310                                                         | 1.50                                   |               | 4                     |
| 10                                              | 355                                              | 137.67                  | 9620                                                         | 1.70                                   |               | 4                     |
| 11                                              | 330                                              | 128.97                  | 9740                                                         | 1.80                                   |               | 4                     |
| 12                                              | 290                                              | 113.94                  | 9920                                                         | 2.1                                    |               | 4                     |
| 13                                              | 270                                              | 105.83                  | 10000                                                        | 2.2                                    |               | 4                     |
| 14                                              | 245                                              | 95.91                   | 10100                                                        | 2.4                                    |               | 4                     |
| 16                                              | 220                                              | 86.11                   | 10200                                                        | 2.7                                    |               | 4                     |
| 19                                              | 190                                              | 74.17                   | 10300                                                        | 3.2                                    |               | 4                     |
| 20                                              | 179                                              | 69.75                   | 10300                                                        | 3.4                                    |               | 4                     |
| 23                                              | 157                                              | 61.26                   | 10400                                                        | 3.8                                    |               | 4                     |
| 24                                              | 146                                              | 56.89                   | 10400                                                        | 4.1                                    |               | 4                     |
| 7.0                                             | 505                                              | 128.77                  | 6510                                                         | 0.90                                   | R 57<br>RF 57 | 6                     |
| 7.5                                             | 475                                              | 120.63                  | 7000                                                         | 0.95                                   |               | 6                     |
| 8.4                                             | 420                                              | 106.58                  | 7240                                                         | 1.10                                   |               | 6                     |
| 9.1                                             | 390                                              | 98.99                   | 7350                                                         | 1.15                                   |               | 6                     |
| 7.4                                             | 480                                              | 186.89                  | 6980                                                         | 0.95                                   | R 57<br>RF 57 | 4                     |
| 8.0                                             | 440                                              | 172.17                  | 7140                                                         | 1.00                                   |               | 4                     |
| 9.3                                             | 380                                              | 147.92                  | 7390                                                         | 1.20                                   |               | 4                     |
| 11                                              | 330                                              | 128.77                  | 7550                                                         | 1.35                                   |               | 4                     |
| 11                                              | 310                                              | 120.63                  | 7610                                                         | 1.45                                   |               | 4                     |
| 13                                              | 275                                              | 106.58                  | 7700                                                         | 1.65                                   |               | 4                     |
| 14                                              | 255                                              | 98.99                   | 7750                                                         | 1.80                                   |               | 4                     |
| 15                                              | 230                                              | 89.71                   | 7800                                                         | 1.95                                   |               | 4                     |
| 17                                              | 205                                              | 80.55                   | 7840                                                         | 2.2                                    |               | 4                     |
| 20                                              | 177                                              | 69.23                   | 7890                                                         | 2.5                                    |               | 4                     |
| 21                                              | 166                                              | 64.85                   | 7910                                                         | 2.7                                    |               | 4                     |
| 24                                              | 147                                              | 57.29                   | 7760                                                         | 3.1                                    |               | 4                     |
| 26                                              | 136                                              | 53.22                   | 7600                                                         | 3.3                                    |               | 4                     |
| 29                                              | 124                                              | 48.23                   | 7380                                                         | 3.6                                    |               | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model  | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|---------------|-----------------------|
| 0.37kW                                          |                                                  |                         |                                                              |                                        |               |                       |
| 9.9                                             | 360                                              | 139.99                  | 3490                                                         | 0.85                                   | R 47<br>RF 47 | 4                     |
| 11                                              | 310                                              | 121.87                  | 5350                                                         | 0.95                                   |               | 4                     |
| 12                                              | 290                                              | 114.17                  | 5460                                                         | 1.05                                   |               | 4                     |
| 14                                              | 260                                              | 100.86                  | 5630                                                         | 1.15                                   |               | 4                     |
| 15                                              | 240                                              | 93.68                   | 5700                                                         | 1.25                                   |               | 4                     |
| 16                                              | 215                                              | 84.90                   | 5790                                                         | 1.40                                   |               | 4                     |
| 18                                              | 195                                              | 76.23                   | 5870                                                         | 1.55                                   |               | 4                     |
| 20                                              | 176                                              | 68.54                   | 5930                                                         | 1.70                                   |               | 4                     |
| 21                                              | 164                                              | 64.21                   | 5960                                                         | 1.80                                   |               | 4                     |
| 24                                              | 145                                              | 56.73                   | 6010                                                         | 2.1                                    |               | 4                     |
| 26                                              | 135                                              | 52.69                   | 5990                                                         | 2.2                                    |               | 4                     |
| 29                                              | 122                                              | 47.75                   | 5820                                                         | 2.5                                    |               | 4                     |
| 32                                              | 110                                              | 42.87                   | 5650                                                         | 2.7                                    |               | 4                     |
| 37                                              | 95                                               | 36.93                   | 5410                                                         | 3.2                                    |               | 4                     |
| 40                                              | 89                                               | 34.73                   | 5310                                                         | 3.4                                    |               | 4                     |
| 41                                              | 87                                               | 33.79                   | 5270                                                         | 2.8                                    | R 47<br>RF 47 | 4                     |
| 44                                              | 80                                               | 31.12                   | 5150                                                         | 2.8                                    |               | 4                     |
| 52                                              | 69                                               | 26.74                   | 4920                                                         | 4.4                                    |               | 4                     |
| 59                                              | 60                                               | 23.28                   | 4720                                                         | 5.0                                    |               | 4                     |
| 63                                              | 56                                               | 21.81                   | 4620                                                         | 5.4                                    | R 47<br>RF 47 | 4                     |
| 15                                              | 230                                              | 90.77                   | 4250                                                         | 0.85                                   |               | 4                     |
| 16                                              | 215                                              | 84.61                   | 4720                                                         | 0.90                                   |               | 4                     |
| 19                                              | 189                                              | 73.96                   | 5070                                                         | 1.05                                   |               | 4                     |
| 20                                              | 178                                              | 69.33                   | 5210                                                         | 1.15                                   | R 37<br>RF 37 | 4                     |
| 23                                              | 157                                              | 61.18                   | 5410                                                         | 1.30                                   |               | 4                     |
| 25                                              | 143                                              | 55.76                   | 5530                                                         | 1.40                                   |               | 4                     |
| 29                                              | 123                                              | 48.08                   | 5590                                                         | 1.60                                   |               | 4                     |
| 31                                              | 115                                              | 44.81                   | 5480                                                         | 1.75                                   |               | 4                     |
| 35                                              | 100                                              | 39.17                   | 5290                                                         | 2.0                                    |               | 4                     |
| 38                                              | 94                                               | 36.72                   | 5190                                                         | 2.1                                    |               | 4                     |
| 43                                              | 83                                               | 32.40                   | 5010                                                         | 2.4                                    |               | 4                     |
| 48                                              | 74                                               | 28.73                   | 4850                                                         | 2.7                                    |               | 4                     |
| 57                                              | 63                                               | 24.42                   | 4620                                                         | 3.2                                    |               | 4                     |
| 49                                              | 73                                               | 27.32                   | 4830                                                         | 2.8                                    | R 37<br>RF 37 | 4                     |
| 53                                              | 67                                               | 26.03                   | 4710                                                         | 2.8                                    |               | 4                     |
| 62                                              | 57                                               | 22.27                   | 4500                                                         | 3.5                                    |               | 4                     |
| 71                                              | 49                                               | 19.31                   | 4320                                                         | 4.1                                    |               | 4                     |
| 76                                              | 46                                               | 18.05                   | 4230                                                         | 4.3                                    |               | 4                     |
| 88                                              | 40                                               | 15.60                   | 4050                                                         | 5.0                                    | R 37<br>RF 37 | 4                     |
| 104                                             | 34                                               | 13.25                   | 3850                                                         | 5.6                                    |               | 4                     |
| 117                                             | 30                                               | 11.83                   | 3720                                                         | 6.0                                    |               | 4                     |
| 23                                              | 157                                              | 61.30                   | 3870                                                         | 0.85                                   | R 27<br>RF 27 | 4                     |
| 25                                              | 143                                              | 55.87                   | 3800                                                         | 0.90                                   |               | 4                     |
| 29                                              | 123                                              | 48.17                   | 3680                                                         | 1.05                                   |               | 4                     |
| 31                                              | 115                                              | 44.90                   | 3620                                                         | 1.15                                   |               | 4                     |
| 35                                              | 101                                              | 39.25                   | 3510                                                         | 1.30                                   |               | 4                     |
| 38                                              | 94                                               | 36.79                   | 3460                                                         | 1.40                                   |               | 4                     |
| 43                                              | 83                                               | 32.47                   | 3350                                                         | 1.55                                   |               | 4                     |
| 48                                              | 74                                               | 28.78                   | 3250                                                         | 1.75                                   |               | 4                     |
| 56                                              | 63                                               | 24.47                   | 3110                                                         | 2.1                                    |               | 4                     |
| 49                                              | 73                                               | 28.37                   | 3240                                                         | 1.80                                   | R 27<br>RF 27 | 4                     |
| 53                                              | 67                                               | 26.09                   | 3170                                                         | 1.95                                   |               | 4                     |
| 62                                              | 57                                               | 22.32                   | 3040                                                         | 2.3                                    |               | 4                     |
| 71                                              | 50                                               | 19.35                   | 2920                                                         | 2.6                                    |               | 4                     |
| 76                                              | 46                                               | 18.08                   | 2860                                                         | 2.8                                    |               | 4                     |
| 88                                              | 40                                               | 15.63                   | 2750                                                         | 3.2                                    |               | 4                     |
| 104                                             | 34                                               | 13.28                   | 2620                                                         | 3.8                                    |               | 4                     |
| 36                                              | 99                                               | 38.61                   | 770                                                          | 0.85                                   | R 17<br>RF 17 | 4                     |
| 38                                              | 93                                               | 36.20                   | 1260                                                         | 0.90                                   |               | 4                     |
| 43                                              | 82                                               | 31.94                   | 1910                                                         | 1.05                                   |               | 4                     |
| 49                                              | 73                                               | 28.32                   | 1880                                                         | 1.15                                   |               | 4                     |
| 57                                              | 62                                               | 24.07                   | 1830                                                         | 1.40                                   |               | 4                     |

| 输出<br>转速<br>Output<br>speed<br>n <sub>s</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>s</sub><br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>Ra</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>s</sub> | 机型号<br>Model            | 电机<br>极数<br>Pole<br>P |
|----------------------------------------------------------|-----------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------|-------------------------|-----------------------|
| 0.37kW                                                   |                                                           |                       |                                                                     |                                                 |                         |                       |
| 55                                                       | 65                                                        | 25.23                 | 1840                                                                | 1.60                                            | R 17<br>RF 17           | 4                     |
| 60                                                       | 59                                                        | 23.15                 | 1820                                                                | 1.45                                            |                         |                       |
| 70                                                       | 51                                                        | 19.71                 | 1760                                                                | 1.70                                            |                         |                       |
| 81                                                       | 44                                                        | 16.99                 | 1710                                                                | 1.95                                            |                         |                       |
| 87                                                       | 41                                                        | 15.84                 | 1680                                                                | 2.1                                             |                         |                       |
| 100                                                      | 35                                                        | 13.84                 | 1630                                                                | 2.4                                             |                         |                       |
| 106                                                      | 33                                                        | 12.98                 | 1610                                                                | 2.6                                             |                         |                       |
| 121                                                      | 29                                                        | 11.45                 | 1560                                                                | 2.8                                             |                         |                       |
| 136                                                      | 26                                                        | 10.15                 | 1520                                                                | 3.0                                             |                         |                       |
| 160                                                      | 22                                                        | 8.63                  | 1460                                                                | 3.3                                             |                         |                       |
| 183                                                      | 19                                                        | 7.55                  | 1370                                                                | 2.9                                             |                         |                       |
| 196                                                      | 18                                                        | 7.04                  | 1350                                                                | 3.1                                             |                         |                       |
| 224                                                      | 16                                                        | 6.15                  | 1300                                                                | 3.4                                             |                         |                       |
| 239                                                      | 15                                                        | 5.76                  | 1280                                                                | 3.6                                             |                         |                       |
| 271                                                      | 13                                                        | 5.09                  | 1240                                                                | 3.9                                             |                         |                       |
| 306                                                      | 12                                                        | 4.51                  | 1200                                                                | 4.2                                             |                         |                       |
| 360                                                      | 9.8                                                       | 3.83                  | 1150                                                                | 4.6                                             |                         |                       |
| 191                                                      | 19                                                        | 13.84                 | 1390                                                                | 4.6                                             | R 17<br>RF 17           | 2                     |
| 204                                                      | 17                                                        | 12.98                 | 1360                                                                | 4.9                                             |                         |                       |
| 231                                                      | 15                                                        | 11.45                 | 1320                                                                | 5.3                                             |                         |                       |
| 261                                                      | 14                                                        | 10.15                 | 1270                                                                | 5.7                                             |                         |                       |
| 307                                                      | 12                                                        | 8.63                  | 1220                                                                | 6.3                                             |                         |                       |
| 351                                                      | 10                                                        | 7.55                  | 1150                                                                | 5.5                                             |                         |                       |
| 377                                                      | 9.4                                                       | 7.04                  | 1130                                                                | 5.8                                             |                         |                       |
| 431                                                      | 8.2                                                       | 6.15                  | 1090                                                                | 6.6                                             |                         |                       |
| 460                                                      | 7.7                                                       | 5.76                  | 1070                                                                | 6.9                                             |                         |                       |
| 521                                                      | 6.8                                                       | 5.09                  | 1030                                                                | 7.5                                             |                         |                       |
| 588                                                      | 6.0                                                       | 4.51                  | 990                                                                 | 8.0                                             | RX 67<br>RXF 67         | 6                     |
| 691                                                      | 5.1                                                       | 3.83                  | 950                                                                 | 8.8                                             |                         |                       |
| 174                                                      | 20                                                        | 5.18                  | 4570                                                                | 3.7                                             |                         |                       |
| 199                                                      | 18                                                        | 4.53                  | 4380                                                                | 4.6                                             |                         |                       |
| 209                                                      | 17                                                        | 4.30                  | 4310                                                                | 4.7                                             |                         |                       |
| 239                                                      | 15                                                        | 3.77                  | 4130                                                                | 5.9                                             |                         |                       |
| 227                                                      | 16                                                        | 6.07                  | 4200                                                                | 2.8                                             | RX 67<br>RXF 67         | 4                     |
| 267                                                      | 13                                                        | 5.18                  | 3990                                                                | 5.6                                             |                         |                       |
| 305                                                      | 12                                                        | 4.53                  | 3820                                                                | 7.1                                             |                         |                       |
| 321                                                      | 11                                                        | 4.30                  | 3760                                                                | 7.3                                             |                         |                       |
| 366                                                      | 9.7                                                       | 3.77                  | 3610                                                                | 9.0                                             |                         |                       |
| 431                                                      | 8.2                                                       | 3.20                  | 3420                                                                | 12                                              |                         |                       |
| 478                                                      | 7.4                                                       | 2.89                  | 3310                                                                | 14                                              |                         |                       |
| 543                                                      | 6.5                                                       | 2.54                  | 3170                                                                | 18                                              |                         |                       |
| 575                                                      | 6.1                                                       | 2.40                  | 3110                                                                | 20                                              |                         |                       |
| 675                                                      | 5.2                                                       | 2.04                  | 2950                                                                | 26                                              |                         |                       |
| 207                                                      | 17                                                        | 4.35                  | 3500                                                                | 4.0                                             | RX 57<br>RXF 57         | 6                     |
| 238                                                      | 15                                                        | 3.79                  | 3350                                                                | 4.6                                             |                         |                       |
| 254                                                      | 14                                                        | 3.55                  | 3280                                                                | 5.0                                             |                         |                       |
| 251                                                      | 14                                                        | 5.50                  | 3300                                                                | 2.8                                             | RX 57<br>RXF 57         | 4                     |
| 272                                                      | 13                                                        | 5.07                  | 3210                                                                | 2.8                                             |                         |                       |
| 317                                                      | 11                                                        | 4.35                  | 3060                                                                | 6.1                                             |                         |                       |
| 364                                                      | 9.7                                                       | 3.79                  | 2930                                                                | 7.1                                             |                         |                       |
| 389                                                      | 9.1                                                       | 3.55                  | 2870                                                                | 7.6                                             |                         |                       |
| 440                                                      | 8.0                                                       | 3.14                  | 2760                                                                | 8.1                                             |                         |                       |
| 474                                                      | 7.5                                                       | 2.91                  | 2690                                                                | 8.9                                             |                         |                       |
| 523                                                      | 6.8                                                       | 2.64                  | 2610                                                                | 10                                              |                         |                       |
| 582                                                      | 6.1                                                       | 2.37                  | 2520                                                                | 11                                              |                         |                       |
| 676                                                      | 5.2                                                       | 2.04                  | 2400                                                                | 13                                              |                         |                       |
| 719                                                      | 4.9                                                       | 1.92                  | 2350                                                                | 14                                              |                         |                       |
| 835                                                      | 4.2                                                       | 1.65                  | 2240                                                                | 16                                              |                         |                       |
| 0.55kW                                                   |                                                           |                       |                                                                     |                                                 |                         |                       |
| 0.22                                                     | 19800                                                     | 6077                  | 120000                                                              | 0.90                                            | R 167 R97<br>RF 167 R97 | 4                     |
| 0.25                                                     | 17600                                                     | 5407                  | 120000                                                              | 1.00                                            |                         |                       |
| 0.29                                                     | 15100                                                     | 4650                  | 120000                                                              | 1.20                                            |                         |                       |
| 0.33                                                     | 13300                                                     | 4129                  | 120000                                                              | 1.35                                            |                         |                       |
| 0.28                                                     | 16600                                                     | 4926                  | 26300                                                               | 0.80                                            | R 147 R77<br>RF 147 R77 | 4                     |
| 0.31                                                     | 14500                                                     | 4325                  | 55900                                                               | 0.90                                            |                         |                       |
| 0.36                                                     | 12700                                                     | 3754                  | 63300                                                               | 1.05                                            |                         |                       |
| 0.41                                                     | 11100                                                     | 3302                  | 66100                                                               | 1.15                                            |                         |                       |
| 0.47                                                     | 9720                                                      | 2898                  | 68200                                                               | 1.35                                            |                         |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.53                                            | 8730                                             | 2555                    | 69500                                                        | 1.50                                   | R 147 R77    | 4                     |
| 0.62                                            | 7560                                             | 2211                    | 70800                                                        | 1.70                                   |              |                       |
| 0.70                                            | 6670                                             | 1951                    | 71600                                                        | 1.95                                   |              |                       |
| 0.80                                            | 5730                                             | 1705                    | 72400                                                        | 2.3                                    |              |                       |
| 0.89                                            | 5140                                             | 1536                    | 72900                                                        | 2.5                                    |              |                       |
| 1.0                                             | 4450                                             | 1329                    | 73300                                                        | 2.9                                    |              |                       |
| 1.2                                             | 3880                                             | 1166                    | 73600                                                        | 3.3                                    |              |                       |
| 0.55                                            | 8540                                             | 2484                    | 51700                                                        | 0.95                                   | R 137 R77    | 4                     |
| 0.51                                            | 9080                                             | 2658                    | 49200                                                        | 0.90                                   | R 137 R77    | 4                     |
| 0.56                                            | 8240                                             | 2412                    | 52900                                                        | 0.95                                   |              |                       |
| 0.66                                            | 7090                                             | 2073                    | 55200                                                        | 1.15                                   |              |                       |
| 0.74                                            | 6210                                             | 1839                    | 56700                                                        | 1.30                                   |              |                       |
| 0.85                                            | 5350                                             | 1598                    | 58000                                                        | 1.50                                   |              |                       |
| 0.97                                            | 4760                                             | 1397                    | 58700                                                        | 1.70                                   |              |                       |
| 1.1                                             | 4150                                             | 1226                    | 59400                                                        | 1.95                                   |              |                       |
| 1.2                                             | 3710                                             | 1090                    | 59800                                                        | 2.2                                    |              |                       |
| 1.4                                             | 3240                                             | 951                     | 60200                                                        | 2.5                                    |              |                       |
| 1.6                                             | 2780                                             | 831                     | 60500                                                        | 2.9                                    |              |                       |
| 0.97                                            | 4790                                             | 1407                    | 23400                                                        | 0.90                                   | R 107 R77    | 4                     |
| 1.1                                             | 4120                                             | 1209                    | 30400                                                        | 1.05                                   |              |                       |
| 1.3                                             | 3590                                             | 1055                    | 32800                                                        | 1.20                                   |              |                       |
| 1.5                                             | 3140                                             | 919                     | 34500                                                        | 1.35                                   |              |                       |
| 1.7                                             | 2790                                             | 815                     | 35600                                                        | 1.55                                   |              |                       |
| 1.9                                             | 2450                                             | 717                     | 36200                                                        | 1.75                                   |              |                       |
| 2.2                                             | 2140                                             | 626                     | 36600                                                        | 2.0                                    |              |                       |
| 0.97                                            | 4730                                             | 1400                    | 26500                                                        | 0.90                                   | R 107 R77    | 4                     |
| 1.1                                             | 4120                                             | 1226                    | 30400                                                        | 1.05                                   |              |                       |
| 1.2                                             | 3690                                             | 1104                    | 32400                                                        | 1.15                                   |              |                       |
| 1.5                                             | 3170                                             | 939                     | 34400                                                        | 1.35                                   |              |                       |
| 1.7                                             | 2760                                             | 822                     | 35700                                                        | 1.55                                   |              |                       |
| 1.5                                             | 3240                                             | 938                     | 4620                                                         | 0.95                                   | R 97 R57     | 4                     |
| 1.6                                             | 2810                                             | 824                     | 22200                                                        | 1.05                                   |              |                       |
| 1.8                                             | 2520                                             | 737                     | 24000                                                        | 1.20                                   |              |                       |
| 2.2                                             | 2160                                             | 632                     | 25700                                                        | 1.40                                   |              |                       |
| 2.4                                             | 1880                                             | 560                     | 26800                                                        | 1.60                                   |              |                       |
| 2.8                                             | 1640                                             | 484                     | 27400                                                        | 1.85                                   |              |                       |
| 3.2                                             | 1480                                             | 431                     | 27700                                                        | 2.0                                    |              |                       |
| 3.6                                             | 1290                                             | 379                     | 27900                                                        | 2.3                                    |              |                       |
| 4.0                                             | 1150                                             | 336                     | 28100                                                        | 2.6                                    |              |                       |
| 4.6                                             | 1010                                             | 296                     | 28200                                                        | 3.0                                    |              |                       |
| 5.5                                             | 840                                              | 249                     | 28400                                                        | 3.6                                    |              |                       |
| 2.6                                             | 1780                                             | 525                     | 15100                                                        | 0.85                                   |              |                       |
| 3.0                                             | 1550                                             | 456                     | 16900                                                        | 1.00                                   |              |                       |
| 3.4                                             | 1340                                             | 398                     | 18200                                                        | 1.15                                   |              |                       |
| 3.9                                             | 1190                                             | 352                     | 19000                                                        | 1.30                                   |              |                       |
| 4.4                                             | 1030                                             | 305                     | 19700                                                        | 1.50                                   |              |                       |
| 2.9                                             | 1650                                             | 472                     | 16200                                                        | 0.95                                   | R 87 R57     | 4                     |
| 3.4                                             | 1400                                             | 400                     | 17900                                                        | 1.10                                   |              |                       |
| 3.8                                             | 1260                                             | 361                     | 18700                                                        | 1.25                                   |              |                       |
| 4.9                                             | 970                                              | 276                     | 6420                                                         | 0.85                                   | R 77 R37     | 4                     |
| 5.8                                             | 830                                              | 236                     | 9860                                                         | 1.00                                   |              |                       |
| 6.2                                             | 775                                              | 221                     | 10300                                                        | 1.05                                   |              |                       |
| 7.3                                             | 650                                              | 186                     | 11300                                                        | 1.25                                   |              |                       |
| 2.7                                             | 1980                                             | 255.71                  | 26500                                                        | 1.50                                   | R 97         | 8                     |
| 2.8                                             | 1860                                             | 241.25                  | 26900                                                        | 1.60                                   |              |                       |
| 3.1                                             | 1670                                             | 216.28                  | 27400                                                        | 1.80                                   |              |                       |
| 3.0                                             | 1690                                             | 289.74                  | 27400                                                        | 1.75                                   | R 97         | 6                     |
| 3.5                                             | 1490                                             | 255.71                  | 27700                                                        | 2.0                                    |              |                       |
| 3.7                                             | 1410                                             | 241.25                  | 27800                                                        | 2.1                                    |              |                       |
| 4.2                                             | 1260                                             | 216.28                  | 28000                                                        | 2.4                                    |              |                       |
| 4.7                                             | 1120                                             | 289.74                  | 28100                                                        | 2.7                                    | R 97         | 4                     |
| 5.3                                             | 990                                              | 255.71                  | 28200                                                        | 3.0                                    |              |                       |
| 5.6                                             | 930                                              | 241.25                  | 28300                                                        | 3.2                                    |              |                       |
| 6.3                                             | 840                                              | 216.28                  | 28400                                                        | 3.6                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 3.7                                             | 1440                                             | 246.54                  | 17700                                                        | 1.10                                   | R<br>RF      | 87 6                  |
| 4.2                                             | 1260                                             | 216.54                  | 18700                                                        | 1.25                                   |              |                       |
| 4.4                                             | 1200                                             | 205.71                  | 19000                                                        | 1.30                                   |              |                       |
| 4.9                                             | 1060                                             | 181.77                  | 19600                                                        | 1.45                                   |              |                       |
| 5.8                                             | 910                                              | 155.34                  | 20000                                                        | 1.70                                   |              |                       |
| 5.5                                             | 950                                              | 246.54                  | 20000                                                        | 1.65                                   | R<br>RF      | 87 4                  |
| 6.3                                             | 840                                              | 216.54                  | 20000                                                        | 1.85                                   |              |                       |
| 6.6                                             | 795                                              | 205.71                  | 20000                                                        | 1.95                                   |              |                       |
| 7.5                                             | 700                                              | 181.77                  | 20000                                                        | 2.2                                    |              |                       |
| 8.8                                             | 600                                              | 155.34                  | 20000                                                        | 2.6                                    |              |                       |
| 9.6                                             | 550                                              | 142.41                  | 20000                                                        | 2.8                                    |              |                       |
| 11                                              | 485                                              | 124.97                  | 20000                                                        | 3.2                                    |              |                       |
| 11                                              | 455                                              | 118.43                  | 20000                                                        | 3.4                                    |              |                       |
| 13                                              | 400                                              | 103.65                  | 20000                                                        | 3.9                                    |              |                       |
| 8.2                                             | 645                                              | 166.59                  | 11300                                                        | 1.25                                   | R<br>RF      | 77 4                  |
| 9.3                                             | 565                                              | 145.67                  | 11800                                                        | 1.45                                   |              |                       |
| 9.8                                             | 535                                              | 138.39                  | 11900                                                        | 1.55                                   |              |                       |
| 11                                              | 470                                              | 121.42                  | 12200                                                        | 1.75                                   |              |                       |
| 13                                              | 400                                              | 102.99                  | 12500                                                        | 2.1                                    |              |                       |
| 15                                              | 360                                              | 92.97                   | 12600                                                        | 2.3                                    |              |                       |
| 17                                              | 315                                              | 81.80                   | 12800                                                        | 2.6                                    |              |                       |
| 18                                              | 300                                              | 77.24                   | 12800                                                        | 2.8                                    |              |                       |
| 21                                              | 255                                              | 65.77                   | 12900                                                        | 3.2                                    |              |                       |
| 8.6                                             | 610                                              | 158.14                  | 7430                                                         | 1.00                                   | R<br>RF      | 67 4                  |
| 9.9                                             | 530                                              | 137.67                  | 8290                                                         | 1.15                                   |              |                       |
| 11                                              | 500                                              | 128.97                  | 8600                                                         | 1.20                                   |              |                       |
| 12                                              | 440                                              | 113.94                  | 9060                                                         | 1.35                                   |              |                       |
| 13                                              | 410                                              | 105.83                  | 9280                                                         | 1.45                                   |              |                       |
| 14                                              | 370                                              | 95.91                   | 9520                                                         | 1.60                                   |              |                       |
| 16                                              | 335                                              | 86.11                   | 9730                                                         | 1.80                                   |              |                       |
| 18                                              | 285                                              | 74.17                   | 9940                                                         | 2.1                                    |              |                       |
| 20                                              | 270                                              | 69.75                   | 10000                                                        | 2.2                                    |              |                       |
| 22                                              | 235                                              | 61.26                   | 10100                                                        | 2.5                                    |              |                       |
| 24                                              | 220                                              | 56.89                   | 10200                                                        | 2.7                                    |              |                       |
| 11                                              | 465                                              | 120.63                  | 7030                                                         | 0.95                                   | R<br>RF      | 57 4                  |
| 13                                              | 410                                              | 106.58                  | 7260                                                         | 1.10                                   |              |                       |
| 14                                              | 380                                              | 98.99                   | 7370                                                         | 1.20                                   |              |                       |
| 15                                              | 345                                              | 89.71                   | 7490                                                         | 1.30                                   |              |                       |
| 17                                              | 310                                              | 80.55                   | 7600                                                         | 1.45                                   |              |                       |
| 20                                              | 265                                              | 69.23                   | 7710                                                         | 1.70                                   |              |                       |
| 21                                              | 250                                              | 64.85                   | 7750                                                         | 1.80                                   |              |                       |
| 24                                              | 220                                              | 57.29                   | 7530                                                         | 2.0                                    |              |                       |
| 26                                              | 205                                              | 53.22                   | 7390                                                         | 2.2                                    |              |                       |
| 28                                              | 186                                              | 48.23                   | 7190                                                         | 2.4                                    |              |                       |
| 31                                              | 167                                              | 43.30                   | 6980                                                         | 2.7                                    |              |                       |
| 36                                              | 144                                              | 37.30                   | 6700                                                         | 3.1                                    |              |                       |
| 39                                              | 136                                              | 35.07                   | 6580                                                         | 3.3                                    |              |                       |
| 52                                              | 102                                              | 26.31                   | 6060                                                         | 4.4                                    |              |                       |
| 54                                              | 97                                               | 24.99                   | 5970                                                         | 4.7                                    |              |                       |
| 62                                              | 85                                               | 21.93                   | 5740                                                         | 5.3                                    |              |                       |
| 73                                              | 72                                               | 18.60                   | 5460                                                         | 6.3                                    |              |                       |
| 15                                              | 360                                              | 93.68                   | 3280                                                         | 0.85                                   | R<br>RF      | 47 4                  |
| 16                                              | 330                                              | 84.90                   | 5230                                                         | 0.90                                   |              |                       |
| 18                                              | 295                                              | 76.23                   | 5450                                                         | 1.00                                   |              |                       |
| 20                                              | 265                                              | 68.54                   | 5600                                                         | 1.15                                   |              |                       |
| 21                                              | 250                                              | 64.21                   | 5670                                                         | 1.20                                   |              |                       |
| 24                                              | 220                                              | 56.73                   | 5790                                                         | 1.35                                   |              |                       |
| 26                                              | 205                                              | 52.69                   | 5770                                                         | 1.45                                   |              |                       |
| 28                                              | 184                                              | 47.75                   | 5630                                                         | 1.65                                   |              |                       |
| 32                                              | 166                                              | 42.87                   | 5470                                                         | 1.80                                   |              |                       |
| 37                                              | 143                                              | 36.93                   | 5260                                                         | 2.1                                    |              |                       |
| 39                                              | 134                                              | 34.73                   | 5180                                                         | 2.2                                    |              |                       |
| 46                                              | 115                                              | 29.88                   | 4970                                                         | 2.6                                    |              |                       |
| 51                                              | 103                                              | 26.74                   | 4820                                                         | 2.9                                    | R<br>RF      | 47 4                  |
| 58                                              | 90                                               | 23.28                   | 4630                                                         | 3.3                                    |              |                       |
| 62                                              | 84                                               | 21.81                   | 4550                                                         | 3.6                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 22                                              | 235                                              | 61.18                   | 3910                                                         | 0.85                                   | R<br>RF      | 37 4                  |
| 24                                              | 215                                              | 55.76                   | 4740                                                         | 0.95                                   |              |                       |
| 28                                              | 186                                              | 48.08                   | 5120                                                         | 1.10                                   |              |                       |
| 30                                              | 173                                              | 44.81                   | 5230                                                         | 1.15                                   |              |                       |
| 35                                              | 151                                              | 39.17                   | 5070                                                         | 1.30                                   |              |                       |
| 37                                              | 142                                              | 36.72                   | 4990                                                         | 1.40                                   |              |                       |
| 42                                              | 125                                              | 32.40                   | 4840                                                         | 1.60                                   |              |                       |
| 47                                              | 111                                              | 28.73                   | 4700                                                         | 1.80                                   |              |                       |
| 56                                              | 94                                               | 24.42                   | 4500                                                         | 2.1                                    |              |                       |
| 61                                              | 86                                               | 22.27                   | 4390                                                         | 2.3                                    | R<br>RF      | 37 4                  |
| 70                                              | 75                                               | 19.31                   | 4220                                                         | 2.7                                    |              |                       |
| 75                                              | 70                                               | 18.05                   | 4140                                                         | 2.9                                    |              |                       |
| 87                                              | 60                                               | 15.60                   | 3970                                                         | 3.3                                    |              |                       |
| 103                                             | 51                                               | 13.25                   | 3790                                                         | 3.7                                    |              |                       |
| 115                                             | 46                                               | 11.83                   | 3670                                                         | 4.0                                    | R<br>RF      | 27 4                  |
| 35                                              | 152                                              | 39.25                   | 3280                                                         | 0.85                                   |              |                       |
| 37                                              | 142                                              | 36.79                   | 3240                                                         | 0.90                                   |              |                       |
| 42                                              | 125                                              | 32.47                   | 3160                                                         | 1.05                                   |              |                       |
| 47                                              | 111                                              | 28.78                   | 3080                                                         | 1.15                                   |              |                       |
| 56                                              | 95                                               | 24.47                   | 2970                                                         | 1.40                                   |              |                       |
| 61                                              | 86                                               | 22.32                   | 2910                                                         | 1.50                                   |              |                       |
| 70                                              | 75                                               | 19.35                   | 2810                                                         | 1.75                                   |              |                       |
| 75                                              | 70                                               | 18.08                   | 2760                                                         | 1.85                                   | R<br>RF      | 27 4                  |
| 87                                              | 60                                               | 15.63                   | 2660                                                         | 2.2                                    |              |                       |
| 102                                             | 51                                               | 13.28                   | 2550                                                         | 2.5                                    |              |                       |
| 115                                             | 46                                               | 11.86                   | 2470                                                         | 2.8                                    |              |                       |
| 134                                             | 39                                               | 10.13                   | 2370                                                         | 3.1                                    |              |                       |
| 145                                             | 36                                               | 9.41                    | 2290                                                         | 3.4                                    |              |                       |
| 167                                             | 32                                               | 8.16                    | 2200                                                         | 3.7                                    |              |                       |
| 178                                             | 29                                               | 7.63                    | 2160                                                         | 3.8                                    |              |                       |
| 206                                             | 26                                               | 6.59                    | 2070                                                         | 4.2                                    |              |                       |
| 243                                             | 22                                               | 5.60                    | 1980                                                         | 4.6                                    |              |                       |
| 272                                             | 19                                               | 5.00                    | 1910                                                         | 4.9                                    |              |                       |
| 318                                             | 17                                               | 4.27                    | 1830                                                         | 5.3                                    |              |                       |
| 340                                             | 15                                               | 4.00                    | 1790                                                         | 5.5                                    |              |                       |
| 404                                             | 13                                               | 3.37                    | 1700                                                         | 6.1                                    |              |                       |
| 50                                              | 105                                              | 53.76                   | 235                                                          | 0.80                                   | R<br>RF      | 17 2                  |
| 57                                              | 92                                               | 47.44                   | 1280                                                         | 0.90                                   |              |                       |
| 61                                              | 86                                               | 44.18                   | 1610                                                         | 1.00                                   |              |                       |
| 70                                              | 75                                               | 38.61                   | 1590                                                         | 1.15                                   |              |                       |
| 69                                              | 76                                               | 19.71                   | 1590                                                         | 1.10                                   | R<br>RF      | 17 4                  |
| 80                                              | 66                                               | 16.99                   | 1560                                                         | 1.30                                   |              |                       |
| 86                                              | 61                                               | 15.84                   | 1550                                                         | 1.40                                   |              |                       |
| 98                                              | 54                                               | 13.84                   | 1510                                                         | 1.60                                   |              |                       |
| 105                                             | 50                                               | 12.98                   | 1500                                                         | 1.70                                   |              |                       |
| 119                                             | 44                                               | 11.45                   | 1460                                                         | 1.85                                   |              |                       |
| 134                                             | 39                                               | 10.15                   | 1430                                                         | 1.95                                   |              |                       |
| 158                                             | 33                                               | 8.63                    | 1380                                                         | 2.2                                    |              |                       |
| 180                                             | 29                                               | 7.55                    | 1290                                                         | 1.90                                   |              |                       |
| 193                                             | 27                                               | 7.04                    | 1270                                                         | 2.0                                    |              |                       |
| 221                                             | 24                                               | 6.15                    | 1240                                                         | 2.3                                    |              |                       |
| 236                                             | 22                                               | 5.76                    | 1220                                                         | 2.4                                    |              |                       |
| 267                                             | 20                                               | 5.09                    | 1190                                                         | 2.6                                    |              |                       |
| 302                                             | 17                                               | 4.51                    | 1150                                                         | 2.8                                    |              |                       |
| 355                                             | 15                                               | 3.83                    | 1110                                                         | 3.0                                    |              |                       |
| 313                                             | 17                                               | 8.63                    | 1170                                                         | 4.3                                    | R<br>RF      | 17 2                  |
| 358                                             | 15                                               | 7.55                    | 1100                                                         | 3.8                                    |              |                       |
| 384                                             | 14                                               | 7.04                    | 1080                                                         | 4.0                                    |              |                       |
| 439                                             | 12                                               | 6.15                    | 1050                                                         | 4.5                                    |              |                       |
| 468                                             | 11                                               | 5.76                    | 1030                                                         | 4.7                                    |              |                       |
| 531                                             | 9.9                                              | 5.09                    | 990                                                          | 5.2                                    |              |                       |
| 599                                             | 8.8                                              | 4.51                    | 960                                                          | 5.4                                    |              |                       |
| 704                                             | 7.5                                              | 3.83                    | 920                                                          | 6.0                                    |              |                       |
| 174                                             | 30                                               | 5.18                    | 4510                                                         | 2.5                                    | RX<br>RXF    | 67 6                  |
| 199                                             | 26                                               | 4.53                    | 4320                                                         | 3.1                                    |              |                       |
| 209                                             | 25                                               | 4.30                    | 4260                                                         | 3.2                                    |              |                       |
| 239                                             | 22                                               | 3.77                    | 4090                                                         | 4.0                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|---------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| 0.55kw                                          |                                                  |                     |                                                              |                                        |                 |                       |
| 263                                             | 20                                               | 5.18                | 3970                                                         | 3.8                                    | RX 67<br>RXF 67 | 4                     |
| 300                                             | 18                                               | 4.53                | 3800                                                         | 4.7                                    |                 |                       |
| 316                                             | 17                                               | 4.30                | 3740                                                         | 4.8                                    |                 |                       |
| 360                                             | 15                                               | 3.77                | 3590                                                         | 6.0                                    |                 |                       |
| 425                                             | 12                                               | 3.20                | 3410                                                         | 8.1                                    |                 |                       |
| 471                                             | 11                                               | 2.89                | 3300                                                         | 9.5                                    |                 |                       |
| 535                                             | 9.8                                              | 2.54                | 3170                                                         | 12                                     |                 |                       |
| 567                                             | 9.3                                              | 2.40                | 3110                                                         | 13                                     |                 |                       |
| 666                                             | 7.9                                              | 2.04                | 2950                                                         | 17                                     |                 |                       |
| 732                                             | 7.2                                              | 1.86                | 2860                                                         | 18                                     |                 |                       |
| 845                                             | 6.2                                              | 1.61                | 2730                                                         | 18                                     |                 |                       |
| 207                                             | 25                                               | 4.35                | 3440                                                         | 2.7                                    | RX 57<br>RXF 57 | 6                     |
| 238                                             | 22                                               | 3.79                | 3300                                                         | 3.1                                    |                 |                       |
| 254                                             | 21                                               | 3.55                | 3230                                                         | 3.3                                    |                 |                       |
| 287                                             | 18                                               | 3.14                | 3110                                                         | 3.5                                    |                 |                       |
| 309                                             | 17                                               | 2.91                | 3040                                                         | 3.9                                    |                 |                       |
| 312                                             | 17                                               | 4.35                | 3040                                                         | 4.1                                    | RX 57<br>RXF 57 | 4                     |
| 359                                             | 15                                               | 3.79                | 3910                                                         | 4.7                                    |                 |                       |
| 383                                             | 14                                               | 3.55                | 2850                                                         | 5.0                                    |                 |                       |
| 434                                             | 12                                               | 3.14                | 2740                                                         | 5.4                                    |                 |                       |
| 467                                             | 11                                               | 2.91                | 2680                                                         | 6.0                                    |                 |                       |
| 515                                             | 10                                               | 2.64                | 2600                                                         | 6.8                                    |                 |                       |
| 574                                             | 9.2                                              | 2.37                | 2510                                                         | 7.5                                    |                 |                       |
| 666                                             | 7.9                                              | 2.04                | 2390                                                         | 8.7                                    |                 |                       |
| 708                                             | 7.4                                              | 1.92                | 2350                                                         | 9.3                                    |                 |                       |
| 823                                             | 6.4                                              | 1.65                | 2230                                                         | 11                                     |                 |                       |
| 921                                             | 5.7                                              | 1.48                | 2150                                                         | 12                                     |                 |                       |
| 1045                                            | 5.0                                              | 1.30                | 2070                                                         | 13                                     |                 |                       |
| 0.75kw                                          |                                                  |                     |                                                              |                                        |                 |                       |
| 0.30                                            | 20700                                            | 4650                | 120000                                                       | 0.85                                   | R 167           | R97 4                 |
| 0.33                                            | 18300                                            | 4129                | 120000                                                       | 1.00                                   | RF 167          | R97 4                 |
| 0.52                                            | 12000                                            | 2657                | 120000                                                       | 1.50                                   | R 167<br>RF 167 | R97 4<br>R97 4        |
| 0.59                                            | 10400                                            | 2333                | 120000                                                       | 1.75                                   |                 |                       |
| 0.66                                            | 9230                                             | 2085                | 120000                                                       | 1.95                                   |                 |                       |
| 0.96                                            | 6510                                             | 1438                | 120000                                                       | 2.8                                    |                 |                       |
| 0.42                                            | 15100                                            | 3302                | 49000                                                        | 0.85                                   | R 147           | R77 4                 |
| 0.48                                            | 13200                                            | 2898                | 62200                                                        | 1.00                                   | RF 147          | R77 4                 |
| 0.54                                            | 11900                                            | 2555                | 64800                                                        | 1.10                                   | R 147<br>RF 147 | R77 4<br>R77 4        |
| 0.62                                            | 10300                                            | 2211                | 67400                                                        | 1.25                                   |                 |                       |
| 0.71                                            | 9070                                             | 1951                | 69000                                                        | 1.45                                   |                 |                       |
| 0.81                                            | 7830                                             | 1705                | 70500                                                        | 1.65                                   |                 |                       |
| 0.9                                             | 7030                                             | 1536                | 71300                                                        | 1.85                                   |                 |                       |
| 1.0                                             | 6080                                             | 1329                | 72100                                                        | 2.1                                    |                 |                       |
| 1.2                                             | 5310                                             | 1166                | 72700                                                        | 2.5                                    |                 |                       |
| 0.74                                            | 8640                                             | 1863                | 51200                                                        | 0.95                                   | R 137<br>RF 137 | R77 4<br>R77 4        |
| 0.87                                            | 7330                                             | 1586                | 54700                                                        | 1.10                                   |                 |                       |
| 0.99                                            | 6500                                             | 1391                | 56200                                                        | 1.25                                   |                 |                       |
| 1.1                                             | 5850                                             | 1256                | 57300                                                        | 1.35                                   |                 |                       |
| 0.67                                            | 9640                                             | 2073                | 41400                                                        | 0.85                                   | R 137<br>RF 137 | R77 4<br>R77 4        |
| 0.75                                            | 8480                                             | 1839                | 51900                                                        | 0.95                                   |                 |                       |
| 0.86                                            | 7310                                             | 1598                | 54800                                                        | 1.10                                   |                 |                       |
| 0.99                                            | 6480                                             | 1397                | 56300                                                        | 1.25                                   |                 |                       |
| 1.1                                             | 5660                                             | 1226                | 57500                                                        | 1.40                                   |                 |                       |
| 1.3                                             | 5050                                             | 1090                | 58300                                                        | 1.60                                   |                 |                       |
| 1.5                                             | 4410                                             | 951                 | 59100                                                        | 1.80                                   |                 |                       |
| 1.7                                             | 3810                                             | 831                 | 59700                                                        | 2.1                                    |                 |                       |
| 1.9                                             | 3320                                             | 730                 | 60100                                                        | 2.4                                    |                 |                       |
| 1.3                                             | 4890                                             | 1055                | 19000                                                        | 0.90                                   | R 107<br>RF 107 | R77 4<br>R77 4        |
| 1.5                                             | 4270                                             | 919                 | 29600                                                        | 1.00                                   |                 |                       |
| 1.7                                             | 3800                                             | 815                 | 31900                                                        | 1.15                                   |                 |                       |
| 1.2                                             | 5050                                             | 1104                | 7700                                                         | 0.85                                   | R 107<br>RF 107 | R77 4<br>R77 4        |
| 1.5                                             | 4330                                             | 939                 | 29300                                                        | 1.00                                   |                 |                       |
| 1.7                                             | 3770                                             | 822                 | 32000                                                        | 1.15                                   |                 |                       |
| 3.7                                             | 1690                                             | 369                 | 37100                                                        | 2.5                                    |                 |                       |
| 4.3                                             | 1470                                             | 323                 | 37300                                                        | 2.9                                    |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model          | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|---------------------|--------------------------------------------------------------|----------------------------------------|-----------------------|-----------------------|
| <b>0.75kw</b>                                   |                                                  |                     |                                                              |                                        |                       |                       |
| 2.2                                             | 2940                                             | 632                 | 21400                                                        | 1.00                                   | R 97 R57<br>RF 97 R57 | 4                     |
| 2.5                                             | 2570                                             | 560                 | 23700                                                        | 1.15                                   |                       |                       |
| 2.8                                             | 2230                                             | 484                 | 25400                                                        | 1.35                                   |                       |                       |
| 3.2                                             | 2010                                             | 431                 | 26400                                                        | 1.50                                   |                       |                       |
| 3.6                                             | 1760                                             | 379                 | 27200                                                        | 1.70                                   |                       |                       |
| 4.1                                             | 1570                                             | 336                 | 27600                                                        | 1.90                                   |                       |                       |
| 4.7                                             | 1370                                             | 296                 | 27800                                                        | 2.2                                    |                       |                       |
| 5.5                                             | 1150                                             | 249                 | 28100                                                        | 2.6                                    |                       |                       |
| 3.5                                             | 1830                                             | 398                 | 12400                                                        | 0.85                                   | R 87 R57<br>RF 87 R57 | 4                     |
| 3.9                                             | 1630                                             | 352                 | 16400                                                        | 0.95                                   |                       |                       |
| 4.5                                             | 1400                                             | 305                 | 17900                                                        | 1.10                                   |                       |                       |
| 5.2                                             | 1240                                             | 268                 | 18800                                                        | 1.25                                   |                       |                       |
| 5.8                                             | 1090                                             | 236                 | 19500                                                        | 1.40                                   |                       |                       |
| 3.8                                             | 1710                                             | 361                 | 15700                                                        | 0.90                                   | R 87 R57<br>RF 87 R57 | 4                     |
| 4.6                                             | 1410                                             | 300                 | 17800                                                        | 1.10                                   |                       |                       |
| 5.4                                             | 1200                                             | 256                 | 19000                                                        | 1.30                                   |                       |                       |
| 2.8                                             | 2610                                             | 251.15              | 36000                                                        | 1.65                                   | R 107<br>RF 107       | 8                     |
| 3                                               | 2390                                             | 229.95              | 36300                                                        | 1.80                                   |                       |                       |
| 3.4                                             | 2110                                             | 203.16              | 36700                                                        | 2.0                                    | R 97<br>RF 97         | 8                     |
| 3.2                                             | 2240                                             | 216.28              | 25300                                                        | 1.35                                   |                       |                       |
| 3.7                                             | 1930                                             | 186.3               | 26600                                                        | 1.55                                   |                       |                       |
| 4.1                                             | 1760                                             | 170.02              | 27200                                                        | 1.75                                   |                       |                       |
| 3.5                                             | 2030                                             | 255.71              | 26200                                                        | 1.45                                   | R 97<br>RF 97         | 6                     |
| 3.7                                             | 1920                                             | 241.25              | 26700                                                        | 1.55                                   |                       |                       |
| 4.2                                             | 1720                                             | 216.28              | 27300                                                        | 1.75                                   |                       |                       |
| 4.8                                             | 1500                                             | 289.74              | 27600                                                        | 2.0                                    | R 97<br>RF 97         | 4                     |
| 5.4                                             | 1330                                             | 255.71              | 27900                                                        | 2.3                                    |                       |                       |
| 5.7                                             | 1250                                             | 241.25              | 28000                                                        | 2.4                                    |                       |                       |
| 6.4                                             | 1120                                             | 216.28              | 28100                                                        | 2.7                                    |                       |                       |
| 7.4                                             | 970                                              | 186.3               | 28300                                                        | 3.1                                    |                       |                       |
| 8.1                                             | 880                                              | 170.02              | 28300                                                        | 3.4                                    |                       |                       |
| 4.2                                             | 1720                                             | 216.54              | 15600                                                        | 0.9                                    | R 87<br>RF 87         | 6                     |
| 4.4                                             | 1640                                             | 205.71              | 16300                                                        | 0.95                                   |                       |                       |
| 4.9                                             | 1450                                             | 181.77              | 17600                                                        | 1.05                                   |                       |                       |
| 5.8                                             | 1240                                             | 155.34              | 18800                                                        | 1.25                                   | R 87<br>RF 87         | 6                     |
| 6.3                                             | 1130                                             | 142.41              | 19300                                                        | 1.35                                   |                       |                       |
| 5.6                                             | 1280                                             | 246.54              | 18600                                                        | 1.20                                   | R 87<br>RF 87         | 4                     |
| 6.4                                             | 1120                                             | 216.54              | 19300                                                        | 1.40                                   |                       |                       |
| 6.7                                             | 1070                                             | 205.71              | 19600                                                        | 1.45                                   |                       |                       |
| 7.6                                             | 940                                              | 181.77              | 20000                                                        | 1.65                                   |                       |                       |
| 8.9                                             | 810                                              | 155.34              | 20000                                                        | 1.90                                   |                       |                       |
| 9.7                                             | 740                                              | 142.41              | 20000                                                        | 2.1                                    |                       |                       |
| 11                                              | 650                                              | 124.97              | 20000                                                        | 2.4                                    |                       |                       |
| 12                                              | 615                                              | 118.43              | 20000                                                        | 2.5                                    |                       |                       |
| 13                                              | 540                                              | 103.65              | 20000                                                        | 2.9                                    |                       |                       |
| 15                                              | 480                                              | 93.38               | 20000                                                        | 3.2                                    |                       |                       |
| 8.3                                             | 860                                              | 166.59              | 9490                                                         | 0.95                                   | R 77<br>RF 77         | 4                     |
| 9.5                                             | 755                                              | 145.67              | 10500                                                        | 1.10                                   |                       |                       |
| 10                                              | 720                                              | 138.39              | 10800                                                        | 1.15                                   |                       |                       |
| 11                                              | 630                                              | 121.42              | 11400                                                        | 1.30                                   | R 77<br>RF 77         | 4                     |
| 13                                              | 535                                              | 102.99              | 11900                                                        | 1.55                                   |                       |                       |
| 15                                              | 485                                              | 92.97               | 12200                                                        | 1.70                                   |                       |                       |
| 17                                              | 425                                              | 81.8                | 12400                                                        | 1.95                                   |                       |                       |
| 18                                              | 400                                              | 77.24               | 12500                                                        | 2.0                                    |                       |                       |
| 21                                              | 340                                              | 65.77               | 12700                                                        | 2.4                                    |                       |                       |
| 24                                              | 300                                              | 54.68               | 12800                                                        | 2.7                                    |                       |                       |
| 27                                              | 270                                              | 52.07               | 12900                                                        | 3.0                                    |                       |                       |
| 30                                              | 240                                              | 45.81               | 12900                                                        | 3.5                                    |                       |                       |
| 32                                              | 225                                              | 43.26               | 13000                                                        | 3.7                                    |                       |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 11                                              | 670                                              | 128.97            | 4040                                                         | 0.90                                   |              |                       |
| 12                                              | 590                                              | 113.94            | 7660                                                         | 1.00                                   |              |                       |
| 13                                              | 550                                              | 105.83            | 8120                                                         | 1.10                                   |              |                       |
| 14                                              | 500                                              | 95.91             | 8600                                                         | 1.20                                   |              |                       |
| 16                                              | 445                                              | 86.11             | 9010                                                         | 1.35                                   |              |                       |
| 19                                              | 385                                              | 74.17             | 9430                                                         | 1.55                                   | R 67         | 4                     |
| 20                                              | 360                                              | 69.75             | 9570                                                         | 1.65                                   | RF 67        | 4                     |
| 23                                              | 320                                              | 61.26             | 9800                                                         | 1.90                                   |              |                       |
| 24                                              | 295                                              | 56.89             | 9910                                                         | 2.0                                    |              |                       |
| 27                                              | 270                                              | 51.56             | 10000                                                        | 2.2                                    |              |                       |
| 30                                              | 240                                              | 46.29             | 10100                                                        | 2.5                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 13                                              | 555                                              | 106.58            | 4610                                                         | 0.80                                   |              |                       |
| 14                                              | 515                                              | 98.99             | 6200                                                         | 0.90                                   |              |                       |
| 15                                              | 465                                              | 89.71             | 7040                                                         | 0.95                                   | R 57         | 4                     |
| 17                                              | 420                                              | 80.55             | 7240                                                         | 1.10                                   | RF 57        | 4                     |
| 20                                              | 360                                              | 69.23             | 7450                                                         | 1.25                                   |              |                       |
| 21                                              | 335                                              | 64.85             | 7430                                                         | 1.35                                   |              |                       |
| 24                                              | 295                                              | 57.29             | 7220                                                         | 1.50                                   |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 26                                              | 275                                              | 53.22             | 7090                                                         | 1.65                                   |              |                       |
| 29                                              | 250                                              | 48.23             | 6930                                                         | 1.80                                   |              |                       |
| 32                                              | 225                                              | 43.30             | 6740                                                         | 2.0                                    | R 57         | 4                     |
| 37                                              | 194                                              | 37.30             | 6490                                                         | 2.3                                    | RF 57        | 4                     |
| 39                                              | 182                                              | 35.07             | 6380                                                         | 2.5                                    |              |                       |
| 46                                              | 157                                              | 30.18             | 6130                                                         | 2.9                                    |              |                       |
| 51                                              | 140                                              | 26.97             | 5940                                                         | 3.2                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 52                                              | 137                                              | 26.31             | 5900                                                         | 3.3                                    |              |                       |
| 55                                              | 130                                              | 24.99             | 5820                                                         | 3.5                                    | R 57         | 4                     |
| 63                                              | 114                                              | 21.93             | 5610                                                         | 4.0                                    | RF 57        | 4                     |
| 74                                              | 97                                               | 18.60             | 5350                                                         | 4.7                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 20                                              | 355                                              | 68.54             | 3660                                                         | 0.85                                   | R 47         | 4                     |
| 21                                              | 335                                              | 64.21             | 4950                                                         | 0.90                                   | RF 47        | 4                     |
| 24                                              | 295                                              | 56.73             | 5450                                                         | 1.00                                   |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 26                                              | 275                                              | 52.69             | 5480                                                         | 1.10                                   |              |                       |
| 29                                              | 250                                              | 47.75             | 5370                                                         | 1.20                                   |              |                       |
| 32                                              | 225                                              | 42.87             | 5240                                                         | 1.35                                   | R 47         | 4                     |
| 37                                              | 192                                              | 36.93             | 5060                                                         | 1.55                                   | RF 47        | 4                     |
| 40                                              | 180                                              | 34.73             | 4980                                                         | 1.65                                   |              |                       |
| 46                                              | 155                                              | 29.88             | 4800                                                         | 1.95                                   |              |                       |
| 52                                              | 139                                              | 26.70             | 4660                                                         | 2.2                                    |              |                       |
| 58                                              | 122                                              | 23.59             | 4510                                                         | 2.5                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 52                                              | 139                                              | 26.74             | 4660                                                         | 2.2                                    |              |                       |
| 59                                              | 121                                              | 23.28             | 4490                                                         | 2.5                                    |              |                       |
| 63                                              | 113                                              | 21.81             | 4420                                                         | 2.7                                    | R 47         | 4                     |
| 72                                              | 100                                              | 19.27             | 4270                                                         | 3.0                                    | RF 47        | 4                     |
| 77                                              | 93                                               | 17.89             | 4180                                                         | 3.1                                    |              |                       |
| 85                                              | 84                                               | 16.22             | 4070                                                         | 3.3                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 29                                              | 250                                              | 48.08             | 2330                                                         | 0.80                                   | R 37         | 4                     |
| 31                                              | 235                                              | 44.81             | 4230                                                         | 0.85                                   | RF 37        | 4                     |
| 35                                              | 205                                              | 39.17             | 4720                                                         | 1.00                                   |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 38                                              | 191                                              | 36.72             | 4740                                                         | 1.05                                   |              |                       |
| 43                                              | 168                                              | 32.40             | 4610                                                         | 1.20                                   | R 37         | 4                     |
| 48                                              | 149                                              | 28.73             | 4490                                                         | 1.35                                   | RF 37        | 4                     |
| 57                                              | 127                                              | 24.42             | 4320                                                         | 1.60                                   |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 62                                              | 116                                              | 22.27             | 4230                                                         | 1.75                                   |              |                       |
| 71                                              | 100                                              | 19.31             | 4080                                                         | 2.0                                    |              |                       |
| 76                                              | 94                                               | 18.05             | 4010                                                         | 2.1                                    |              |                       |
| 88                                              | 81                                               | 15.6              | 3850                                                         | 2.5                                    | R 37         | 4                     |
| 104                                             | 69                                               | 13.25             | 3690                                                         | 2.8                                    | RF 37        | 4                     |
| 117                                             | 61                                               | 11.82             | 3570                                                         | 3.0                                    |              |                       |
| 137                                             | 53                                               | 10.11             | 3420                                                         | 3.2                                    |              |                       |
| 146                                             | 49                                               | 9.47              | 3360                                                         | 3.4                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 48                                              | 149                                              | 28.78             | 2880                                                         | 0.85                                   | R 27         | 4                     |
| 56                                              | 127                                              | 24.47             | 2800                                                         | 1.00                                   | RF 27        | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 62                                              | 116                                              | 22.32             | 2750                                                         | 1.10                                   |              |                       |
| 71                                              | 100                                              | 19.35             | 2670                                                         | 1.30                                   |              |                       |
| 76                                              | 94                                               | 18.08             | 2630                                                         | 1.40                                   |              |                       |
| 88                                              | 81                                               | 15.63             | 2550                                                         | 1.60                                   |              |                       |
| 104                                             | 69                                               | 13.28             | 2450                                                         | 1.90                                   |              |                       |
| 116                                             | 62                                               | 11.86             | 2380                                                         | 2.1                                    |              |                       |
| 136                                             | 53                                               | 10.13             | 2290                                                         | 2.3                                    | R 27         | 4                     |
| 147                                             | 49                                               | 9.41              | 2210                                                         | 2.5                                    | RF 27        | 4                     |
| 169                                             | 42                                               | 8.16              | 2130                                                         | 2.7                                    |              |                       |
| 181                                             | 40                                               | 7.63              | 2090                                                         | 2.8                                    |              |                       |
| 209                                             | 34                                               | 6.59              | 2010                                                         | 3.1                                    |              |                       |
| 246                                             | 29                                               | 5.60              | 1930                                                         | 3.4                                    |              |                       |
| 276                                             | 26                                               | 5.00              | 1870                                                         | 3.7                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 70                                              | 102                                              | 19.71             | 465                                                          | 0.85                                   |              |                       |
| 81                                              | 88                                               | 16.99             | 1390                                                         | 0.95                                   |              |                       |
| 87                                              | 82                                               | 15.84             | 1380                                                         | 1.05                                   |              |                       |
| 100                                             | 72                                               | 13.84             | 1370                                                         | 1.20                                   |              |                       |
| 106                                             | 67                                               | 12.98             | 1360                                                         | 1.25                                   |              |                       |
| 121                                             | 59                                               | 11.45             | 1350                                                         | 1.35                                   |              |                       |
| 136                                             | 53                                               | 10.15             | 1320                                                         | 1.45                                   |              |                       |
| 160                                             | 45                                               | 8.63              | 1290                                                         | 1.60                                   | R 17         | 4                     |
| 183                                             | 39                                               | 7.55              | 1200                                                         | 1.45                                   | RF 17        | 4                     |
| 196                                             | 37                                               | 7.04              | 1180                                                         | 1.50                                   |              |                       |
| 224                                             | 32                                               | 6.15              | 1160                                                         | 1.70                                   |              |                       |
| 239                                             | 30                                               | 5.76              | 1150                                                         | 1.75                                   |              |                       |
| 271                                             | 26                                               | 5.09              | 1120                                                         | 1.95                                   |              |                       |
| 306                                             | 23                                               | 4.51              | 1090                                                         | 2.0                                    |              |                       |
| 360                                             | 20                                               | 3.83              | 1060                                                         | 2.3                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 236                                             | 30                                               | 11.45             | 1200                                                         | 2.7                                    |              |                       |
| 266                                             | 27                                               | 10.15             | 1170                                                         | 2.9                                    |              |                       |
| 313                                             | 23                                               | 8.63              | 1130                                                         | 3.1                                    |              |                       |
| 358                                             | 20                                               | 7.55              | 1060                                                         | 2.8                                    |              |                       |
| 384                                             | 19                                               | 7.04              | 1040                                                         | 2.9                                    | R 17         | 2                     |
| 439                                             | 16                                               | 6.15              | 1010                                                         | 3.3                                    | RF 17        | 2                     |
| 468                                             | 15                                               | 5.76              | 990                                                          | 3.5                                    |              |                       |
| 531                                             | 14                                               | 5.09              | 960                                                          | 3.8                                    |              |                       |
| 599                                             | 12                                               | 4.51              | 930                                                          | 4.0                                    |              |                       |
| 704                                             | 10                                               | 3.83              | 890                                                          | 4.4                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 199                                             | 36                                               | 4.53              | 4260                                                         | 2.3                                    |              |                       |
| 209                                             | 34                                               | 4.30              | 4200                                                         | 2.3                                    | RX 67        | 6                     |
| 239                                             | 30                                               | 3.77              | 4040                                                         | 2.9                                    | RXF 67       | 6                     |
| 281                                             | 26                                               | 3.20              | 3840                                                         | 3.9                                    |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 267                                             | 27                                               | 5.18              | 3900                                                         | 2.8                                    |              |                       |
| 305                                             | 24                                               | 4.53              | 3750                                                         | 3.5                                    |              |                       |
| 321                                             | 22                                               | 4.30              | 3690                                                         | 3.6                                    |              |                       |
| 366                                             | 20                                               | 3.77              | 3540                                                         | 4.4                                    |              |                       |
| 431                                             | 17                                               | 3.20              | 3360                                                         | 6.0                                    |              |                       |
| 478                                             | 15                                               | 2.89              | 3260                                                         | 7.1                                    | RX 67        | 4                     |
| 543                                             | 13                                               | 2.54              | 3130                                                         | 8.9                                    | RXF 67       | 4                     |
| 575                                             | 13                                               | 2.40              | 3070                                                         | 9.8                                    |              |                       |
| 675                                             | 11                                               | 2.04              | 2920                                                         | 13                                     |              |                       |
| 743                                             | 9.6                                              | 1.86              | 2830                                                         | 13                                     |              |                       |
| 858                                             | 8.3                                              | 1.61              | 2700                                                         | 14                                     |              |                       |
|                                                 |                                                  |                   |                                                              |                                        |              |                       |
| 238                                             | 30                                               | 3.79              | 3240                                                         | 2.3                                    |              |                       |
| 254                                             | 28                                               | 3.55              | 3180                                                         | 2.4                                    |              |                       |
| 287                                             | 25                                               | 3.14              | 3060                                                         | 2.6                                    | RX 57        | 6                     |
| 309                                             | 23                                               | 2.91              | 3000                                                         | 2.9                                    | RXF 57       | 6                     |
| 341                                             | 21                                               | 2.64              | 2910                                                         | 3.3                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kw</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 317                                             | 23                                             | 4.35                    | 2980                                                         | 3.0                                    |              |                       |
| 364                                             | 20                                             | 3.79                    | 2960                                                         | 3.5                                    |              |                       |
| 389                                             | 18                                             | 3.55                    | 2800                                                         | 3.8                                    |              |                       |
| 440                                             | 16                                             | 3.14                    | 2700                                                         | 4.0                                    |              |                       |
| 474                                             | 15                                             | 2.91                    | 2630                                                         | 4.4                                    |              |                       |
| 523                                             | 14                                             | 2.64                    | 2560                                                         | 5.0                                    | RX           | 57                    |
| 582                                             | 12                                             | 2.37                    | 2470                                                         | 5.6                                    | RXF          | 57                    |
| 676                                             | 11                                             | 2.04                    | 2360                                                         | 6.5                                    |              |                       |
| 719                                             | 10                                             | 1.92                    | 2310                                                         | 6.9                                    |              |                       |
| 835                                             | 8.6                                            | 1.65                    | 2210                                                         | 8.0                                    |              |                       |
| 935                                             | 7.7                                            | 1.48                    | 2130                                                         | 8.8                                    |              |                       |
| 1060                                            | 6.8                                            | 1.30                    | 2050                                                         | 9.3                                    |              |                       |
| <b>1.1kw</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 0.53                                            | 17700                                          | 2657                    | 120000                                                       | 1.00                                   |              |                       |
| 0.60                                            | 15400                                          | 2333                    | 120000                                                       | 1.15                                   |              |                       |
| 0.67                                            | 13700                                          | 2085                    | 120000                                                       | 1.30                                   |              |                       |
| 0.75                                            | 12300                                          | 1877                    | 120000                                                       | 1.45                                   | R            | 167                   |
| 0.84                                            | 10900                                          | 1670                    | 120000                                                       | 1.65                                   | RF           | 167                   |
| 0.97                                            | 9600                                           | 1438                    | 120000                                                       | 1.90                                   |              |                       |
| 1.1                                             | 8540                                           | 1279                    | 120000                                                       | 2.1                                    |              |                       |
| 1.2                                             | 7420                                           | 1123                    | 120000                                                       | 2.4                                    |              |                       |
| 0.63                                            | 15000                                          | 2211                    | 50100                                                        | 0.85                                   | R            | 147                   |
| 0.72                                            | 13300                                          | 1951                    | 62100                                                        | 1.00                                   | RF           | 147                   |
| 0.82                                            | 11500                                          | 1705                    | 65500                                                        | 1.15                                   |              |                       |
| 0.91                                            | 10300                                          | 1536                    | 67300                                                        | 1.25                                   |              |                       |
| 1.0                                             | 8940                                           | 1329                    | 69200                                                        | 1.45                                   |              |                       |
| 1.2                                             | 7810                                           | 1166                    | 70500                                                        | 1.65                                   | R            | 147                   |
| 1.4                                             | 6870                                           | 1029                    | 71500                                                        | 1.90                                   | RF           | 147                   |
| 1.6                                             | 5950                                           | 889                     | 72200                                                        | 2.2                                    |              |                       |
| 1.8                                             | 5240                                           | 784                     | 72800                                                        | 2.5                                    |              |                       |
| 2.0                                             | 4630                                           | 695                     | 73200                                                        | 2.8                                    |              |                       |
| 1.0                                             | 9480                                           | 1391                    | 44400                                                        | 0.85                                   |              |                       |
| 1.1                                             | 8550                                           | 1256                    | 51600                                                        | 0.95                                   | R            | 137                   |
| 1.3                                             | 7500                                           | 1105                    | 54400                                                        | 1.05                                   | RF           | 137                   |
| 1.3                                             | 7080                                           | 1043                    | 55200                                                        | 1.15                                   |              |                       |
| 1.6                                             | 6010                                           | 888                     | 57000                                                        | 1.35                                   |              |                       |
| 1.0                                             | 9470                                           | 1397                    | 44600                                                        | 0.85                                   |              |                       |
| 1.1                                             | 8290                                           | 1226                    | 52700                                                        | 0.95                                   |              |                       |
| 1.3                                             | 7390                                           | 1090                    | 54600                                                        | 1.10                                   |              |                       |
| 1.5                                             | 6450                                           | 951                     | 56300                                                        | 1.25                                   | R            | 137                   |
| 1.7                                             | 5590                                           | 831                     | 57600                                                        | 1.45                                   | RF           | 137                   |
| 1.9                                             | 4890                                           | 730                     | 58500                                                        | 1.65                                   |              |                       |
| 2.2                                             | 4190                                           | 629                     | 59300                                                        | 1.90                                   |              |                       |
| 2.5                                             | 3770                                           | 560                     | 59700                                                        | 2.1                                    |              |                       |
| 2.8                                             | 3270                                           | 490                     | 60100                                                        | 2.5                                    |              |                       |
| 2.0                                             | 4870                                           | 717                     | 20200                                                        | 0.90                                   | R            | 107                   |
|                                                 |                                                |                         |                                                              |                                        | RF           | 107                   |
| 2.3                                             | 4100                                           | 614                     | 30500                                                        | 1.05                                   |              |                       |
| 2.6                                             | 3630                                           | 544                     | 32700                                                        | 1.20                                   |              |                       |
| 2.8                                             | 3280                                           | 492                     | 34000                                                        | 1.30                                   |              |                       |
| 3.3                                             | 2780                                           | 417                     | 35600                                                        | 1.55                                   | R            | 107                   |
| 3.8                                             | 2480                                           | 369                     | 36200                                                        | 1.75                                   | RF           | 107                   |
| 4.3                                             | 2170                                           | 323                     | 36600                                                        | 2.0                                    |              |                       |
| 4.9                                             | 1910                                           | 285                     | 36900                                                        | 2.2                                    |              |                       |
| 5.5                                             | 1690                                           | 253                     | 37100                                                        | 2.5                                    |              |                       |
| 3.2                                             | 2930                                           | 431                     | 21400                                                        | 1.00                                   |              |                       |
| 3.7                                             | 2580                                           | 379                     | 27700                                                        | 1.15                                   |              |                       |
| 4.2                                             | 2290                                           | 336                     | 25100                                                        | 1.30                                   |              |                       |
| 4.7                                             | 2010                                           | 296                     | 26300                                                        | 1.50                                   | R            | 97                    |
| 5.6                                             | 1680                                           | 249                     | 27400                                                        | 1.80                                   | RF           | 97                    |
| 6.0                                             | 1570                                           | 234                     | 27500                                                        | 1.90                                   |              |                       |
| 6.7                                             | 1400                                           | 209                     | 27800                                                        | 2.1                                    |              |                       |
| 5.2                                             | 1810                                           | 268                     | 13900                                                        | 0.85                                   | R            | 97                    |
| 5.9                                             | 1600                                           | 236                     | 16600                                                        | 0.95                                   | RF           | 97                    |
| 6.7                                             | 1400                                           | 209                     | 17900                                                        | 1.10                                   |              |                       |
| 5.5                                             | 1760                                           | 256                     | 15300                                                        | 0.90                                   | R            | 87                    |
| 6.0                                             | 1590                                           | 232                     | 16600                                                        | 0.95                                   | RF           | 87                    |
| 7.2                                             | 1350                                           | 195                     | 18200                                                        | 1.15                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kw</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 2.7                                             | 3880                                           | 251.15                  | 31600                                                        | 1.10                                   |              |                       |
| 3.0                                             | 3550                                           | 229.95                  | 33000                                                        | 1.20                                   | R            | 107                   |
| 3.3                                             | 3140                                           | 203.16                  | 34500                                                        | 1.35                                   | RF           | 107                   |
| 4.0                                             | 2660                                           | 172.34                  | 35900                                                        | 1.60                                   |              |                       |
| 3.6                                             | 2920                                           | 255.71                  | 21500                                                        | 1.05                                   |              |                       |
| 3.8                                             | 2750                                           | 241.25                  | 22600                                                        | 1.10                                   | R            | 97                    |
| 4.2                                             | 2470                                           | 216.28                  | 24200                                                        | 1.20                                   | RF           | 97                    |
| 4.9                                             | 2130                                           | 186.30                  | 25900                                                        | 1.40                                   |              |                       |
| 5.5                                             | 1920                                           | 255.71                  | 26700                                                        | 1.55                                   |              |                       |
| 5.8                                             | 1810                                           | 241.25                  | 27100                                                        | 1.65                                   |              |                       |
| 6.5                                             | 1620                                           | 216.28                  | 27500                                                        | 1.85                                   |              |                       |
| 7.5                                             | 1400                                           | 186.30                  | 27800                                                        | 2.2                                    | R            | 97                    |
| 8.2                                             | 1280                                           | 170.02                  | 27900                                                        | 2.3                                    | RF           | 97                    |
| 9.3                                             | 1130                                           | 150.78                  | 28100                                                        | 2.7                                    |              |                       |
| 11                                              | 950                                            | 126.75                  | 28300                                                        | 3.2                                    |              |                       |
| 12                                              | 870                                            | 116.48                  | 28300                                                        | 3.4                                    |              |                       |
| 6.5                                             | 1620                                           | 216.54                  | 16400                                                        | 0.95                                   |              |                       |
| 6.8                                             | 1540                                           | 205.71                  | 17000                                                        | 1.00                                   | R            | 87                    |
| 7.7                                             | 1360                                           | 181.77                  | 18100                                                        | 1.15                                   | RF           | 87                    |
| 9.0                                             | 1170                                           | 155.34                  | 19100                                                        | 1.35                                   |              |                       |
| 9.8                                             | 1070                                           | 142.41                  | 19600                                                        | 1.45                                   |              |                       |
| 11                                              | 940                                            | 124.97                  | 20000                                                        | 1.65                                   |              |                       |
| 12                                              | 890                                            | 118.43                  | 20000                                                        | 1.75                                   |              |                       |
| 14                                              | 780                                            | 103.65                  | 20000                                                        | 2.0                                    |              |                       |
| 15                                              | 700                                            | 93.38                   | 20000                                                        | 2.2                                    | R            | 87                    |
| 17                                              | 615                                            | 81.92                   | 20000                                                        | 2.5                                    | RF           | 87                    |
| 19                                              | 545                                            | 72.57                   | 20000                                                        | 2.8                                    |              |                       |
| 22                                              | 480                                            | 63.68                   | 20000                                                        | 3.2                                    |              |                       |
| 23                                              | 455                                            | 60.35                   | 20000                                                        | 3.4                                    |              |                       |
| 27                                              | 395                                            | 52.82                   | 20000                                                        | 3.9                                    |              |                       |
| 12                                              | 910                                            | 121.42                  | 8990                                                         | 0.90                                   |              |                       |
| 14                                              | 775                                            | 102.99                  | 10300                                                        | 1.05                                   | R            | 77                    |
| 15                                              | 700                                            | 92.97                   | 10900                                                        | 1.20                                   | RF           | 77                    |
| 17                                              | 615                                            | 81.80                   | 11500                                                        | 1.35                                   |              |                       |
| 18                                              | 580                                            | 77.24                   | 11700                                                        | 1.40                                   |              |                       |
| 21                                              | 495                                            | 65.77                   | 12100                                                        | 1.65                                   |              |                       |
| 24                                              | 435                                            | 57.68                   | 12400                                                        | 1.90                                   |              |                       |
| 27                                              | 390                                            | 52.07                   | 12500                                                        | 2.1                                    | R            | 77                    |
| 31                                              | 345                                            | 45.81                   | 12700                                                        | 2.4                                    | RF           | 77                    |
| 32                                              | 325                                            | 43.26                   | 12700                                                        | 2.5                                    |              |                       |
| 38                                              | 275                                            | 36.83                   | 12900                                                        | 3.0                                    |              |                       |
| 42                                              | 250                                            | 33.47                   | 12900                                                        | 3.3                                    |              |                       |
| 16                                              | 645                                            | 86.11                   | 6820                                                         | 0.95                                   |              |                       |
| 17                                              | 555                                            | 74.17                   | 8040                                                         | 1.10                                   |              |                       |
| 20                                              | 525                                            | 69.75                   | 8370                                                         | 1.15                                   |              |                       |
| 23                                              | 460                                            | 61.26                   | 8920                                                         | 1.30                                   |              |                       |
| 25                                              | 425                                            | 56.89                   | 9160                                                         | 1.40                                   |              |                       |
| 27                                              | 385                                            | 51.56                   | 9420                                                         | 1.55                                   | R            | 67                    |
| 30                                              | 345                                            | 46.29                   | 9650                                                         | 1.75                                   | RF           | 67                    |
| 35                                              | 300                                            | 39.88                   | 9890                                                         | 1.95                                   |              |                       |
| 37                                              | 280                                            | 37.50                   | 9970                                                         | 2.0                                    |              |                       |
| 43                                              | 240                                            | 32.27                   | 10100                                                        | 2.2                                    |              |                       |
| 49                                              | 215                                            | 28.83                   | 10200                                                        | 2.4                                    |              |                       |
| 50                                              | 210                                            | 28.13                   | 10200                                                        | 2.6                                    |              |                       |
| 52                                              | 200                                            | 26.70                   | 10100                                                        | 2.7                                    | R            | 67                    |
| 60                                              | 176                                            | 23.44                   | 9730                                                         | 3.2                                    | RF           | 67                    |
| 70                                              | 149                                            | 19.89                   | 9270                                                         | 4.0                                    |              |                       |
| 20                                              | 520                                            | 69.23                   | 5990                                                         | 0.85                                   |              |                       |
| 22                                              | 485                                            | 64.85                   | 6850                                                         | 0.90                                   | R            | 57                    |
| 24                                              | 430                                            | 57.29                   | 6700                                                         | 1.05                                   | RF           | 57                    |
| 26                                              | 400                                            | 53.22                   | 6610                                                         | 1.15                                   |              |                       |
| 29                                              | 360                                            | 48.30                   | 6490                                                         | 1.25                                   |              |                       |
| 32                                              | 325                                            | 43.30                   | 6350                                                         | 1.40                                   |              |                       |
| 38                                              | 280                                            | 37.30                   | 6140                                                         | 1.60                                   | R            | 57                    |
| 40                                              | 265                                            | 35.07                   | 6060                                                         | 1.70                                   | RF           | 57                    |
| 46                                              | 225                                            | 30.18                   | 5850                                                         | 2.0                                    |              |                       |
| 52                                              | 200                                            | 26.97                   | 5690                                                         | 2.2                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kw</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 53                                              | 197                                            | 26.31                   | 5650                                                         | 2.3                                    | R<br>RF      | 57<br>57<br>4         |
| 56                                              | 188                                            | 24.99                   | 5580                                                         | 2.4                                    |              |                       |
| 64                                              | 165                                            | 21.93                   | 5400                                                         | 2.7                                    |              |                       |
| 75                                              | 140                                            | 18.60                   | 5170                                                         | 3.2                                    |              |                       |
| 83                                              | 126                                            | 16.79                   | 5030                                                         | 3.6                                    |              |                       |
| 29                                              | 360                                            | 47.75                   | 3500                                                         | 0.85                                   | R<br>RF      | 47<br>47<br>4         |
| 33                                              | 320                                            | 42.87                   | 4850                                                         | 0.95                                   |              |                       |
| 38                                              | 275                                            | 36.93                   | 4720                                                         | 1.10                                   |              |                       |
| 40                                              | 260                                            | 34.73                   | 4660                                                         | 1.15                                   |              |                       |
| 47                                              | 225                                            | 29.88                   | 4520                                                         | 1.35                                   |              |                       |
| 52                                              | 200                                            | 26.70                   | 4410                                                         | 1.50                                   |              |                       |
| 59                                              | 177                                            | 23.59                   | 4290                                                         | 1.70                                   |              |                       |
| 60                                              | 175                                            | 23.28                   | 4270                                                         | 1.70                                   | R<br>RF      | 47<br>47<br>4         |
| 64                                              | 164                                            | 21.81                   | 4210                                                         | 1.85                                   |              |                       |
| 73                                              | 145                                            | 19.27                   | 4080                                                         | 2.0                                    |              |                       |
| 78                                              | 134                                            | 17.89                   | 4010                                                         | 2.2                                    |              |                       |
| 86                                              | 122                                            | 16.22                   | 3910                                                         | 2.3                                    |              |                       |
| 96                                              | 109                                            | 14.56                   | 3800                                                         | 2.4                                    |              |                       |
| 112                                             | 94                                             | 12.54                   | 3650                                                         | 2.7                                    |              |                       |
| 119                                             | 89                                             | 11.79                   | 3590                                                         | 2.8                                    |              |                       |
| 138                                             | 76                                             | 10.15                   | 3450                                                         | 3.0                                    | R<br>RF      | 37<br>37<br>4         |
| 154                                             | 68                                             | 9.07                    | 3340                                                         | 3.2                                    |              |                       |
| 43                                              | 245                                            | 32.40                   | 2900                                                         | 0.80                                   |              |                       |
| 49                                              | 215                                            | 28.73                   | 3300                                                         | 0.95                                   | R<br>RF      | 37<br>37<br>4         |
| 57                                              | 183                                            | 24.42                   | 3720                                                         | 1.10                                   |              |                       |
| 73                                              | 145                                            | 19.31                   | 3840                                                         | 1.40                                   | R<br>RF      | 37<br>37<br>4         |
| 78                                              | 135                                            | 18.05                   | 3790                                                         | 1.50                                   |              |                       |
| 90                                              | 117                                            | 15.60                   | 3660                                                         | 1.70                                   |              |                       |
| 106                                             | 99                                             | 13.25                   | 3520                                                         | 1.90                                   | R<br>RF      | 37<br>37<br>4         |
| 118                                             | 89                                             | 11.83                   | 3430                                                         | 2.1                                    |              |                       |
| 139                                             | 76                                             | 10.11                   | 3290                                                         | 2.2                                    |              |                       |
| 148                                             | 71                                             | 9.47                    | 3230                                                         | 2.3                                    |              |                       |
| 176                                             | 60                                             | 7.97                    | 3090                                                         | 2.6                                    |              |                       |
| 210                                             | 50                                             | 6.67                    | 2920                                                         | 2.9                                    |              |                       |
| 247                                             | 43                                             | 5.57                    | 2790                                                         | 3.3                                    |              |                       |
| 277                                             | 38                                             | 5.06                    | 2700                                                         | 3.5                                    |              |                       |
| 72                                              | 145                                            | 19.35                   | 2430                                                         | 0.90                                   | R<br>RF      | 27<br>27<br>4         |
| 77                                              | 136                                            | 18.08                   | 2410                                                         | 0.95                                   |              |                       |
| 90                                              | 117                                            | 15.63                   | 2360                                                         | 1.10                                   |              |                       |
| 105                                             | 100                                            | 13.28                   | 2290                                                         | 1.30                                   |              |                       |
| 118                                             | 89                                             | 11.86                   | 2240                                                         | 1.45                                   |              |                       |
| 138                                             | 76                                             | 10.13                   | 2160                                                         | 1.60                                   |              |                       |
| 170                                             | 61                                             | 8.16                    | 2010                                                         | 1.90                                   |              |                       |
| 184                                             | 57                                             | 7.63                    | 1980                                                         | 1.95                                   |              |                       |
| 212                                             | 50                                             | 6.59                    | 1920                                                         | 2.1                                    |              |                       |
| 250                                             | 42                                             | 5.60                    | 1840                                                         | 2.4                                    |              |                       |
| 280                                             | 38                                             | 5.00                    | 1790                                                         | 2.5                                    |              |                       |
| 328                                             | 32                                             | 4.27                    | 1720                                                         | 2.7                                    |              |                       |
| 350                                             | 30                                             | 4.00                    | 1690                                                         | 2.8                                    |              |                       |
| 415                                             | 25                                             | 3.37                    | 1610                                                         | 3.1                                    |              |                       |
| 203                                             | 52                                             | 13.28                   | 1980                                                         | 2.5                                    | R<br>RF      | 27<br>27<br>2         |
| 228                                             | 46                                             | 11.86                   | 1920                                                         | 2.8                                    |              |                       |
| 267                                             | 39                                             | 10.13                   | 1840                                                         | 3.1                                    |              |                       |
| 287                                             | 37                                             | 9.41                    | 1780                                                         | 3.3                                    |              |                       |
| 331                                             | 32                                             | 8.16                    | 1720                                                         | 3.7                                    |              |                       |
| 354                                             | 30                                             | 7.63                    | 1690                                                         | 3.8                                    |              |                       |
| 410                                             | 26                                             | 6.59                    | 1620                                                         | 4.1                                    |              |                       |
| 482                                             | 22                                             | 5.60                    | 1550                                                         | 4.5                                    |              |                       |
| 540                                             | 20                                             | 5.00                    | 1500                                                         | 4.9                                    |              |                       |
| 632                                             | 17                                             | 4.27                    | 1430                                                         | 5.2                                    |              |                       |
| 675                                             | 16                                             | 4.00                    | 1410                                                         | 5.4                                    |              |                       |
| 801                                             | 13                                             | 3.37                    | 1340                                                         | 6.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model |                    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|--------------------|-----------------------|
| 1.1kw                                           |                                                |                         |                                                              |                                        |              |                    |                       |
| 137                                             | 77                                             | 19.71                   | 1150                                                         | 1.10                                   | R<br>RF      | 17<br>17           | 2<br>2                |
| 159                                             | 66                                             | 16.99                   | 1140                                                         | 1.30                                   |              |                    |                       |
| 170                                             | 62                                             | 15.84                   | 1140                                                         | 1.40                                   |              |                    |                       |
| 195                                             | 54                                             | 13.84                   | 1120                                                         | 1.60                                   |              |                    |                       |
| 208                                             | 51                                             | 12.98                   | 1120                                                         | 1.70                                   |              |                    |                       |
| 236                                             | 45                                             | 11.45                   | 1100                                                         | 1.80                                   |              |                    |                       |
| 266                                             | 40                                             | 10.15                   | 1080                                                         | 1.95                                   |              |                    |                       |
| 313                                             | 34                                             | 8.63                    | 1050                                                         | 2.1                                    |              |                    |                       |
| 358                                             | 29                                             | 7.55                    | 970                                                          | 1.90                                   |              |                    |                       |
| 384                                             | 27                                             | 7.04                    | 960                                                          | 2.0                                    |              |                    |                       |
| 439                                             | 24                                             | 6.15                    | 940                                                          | 2.3                                    |              |                    |                       |
| 468                                             | 22                                             | 5.76                    | 930                                                          | 2.4                                    |              |                    |                       |
| 531                                             | 20                                             | 5.09                    | 910                                                          | 2.6                                    |              |                    |                       |
| 599                                             | 18                                             | 4.51                    | 880                                                          | 2.7                                    |              |                    |                       |
| 704                                             | 15                                             | 3.83                    | 850                                                          | 3.0                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 249                                             | 42                                             | 5.63                    | 5680                                                         | 2.6                                    | RX           | 77                 | 4                     |
| 262                                             | 40                                             | 5.35                    | 5590                                                         | 2.6                                    | RXF          | 77                 | 4                     |
| 296                                             | 36                                             | 4.73                    | 5380                                                         | 3.5                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 203                                             | 52                                             | 4.53                    | 4130                                                         | 1.60                                   | RX           | 67                 | 6                     |
| 214                                             | 49                                             | 4.30                    | 4070                                                         | 1.65                                   | RXF          | 67                 | 6                     |
| 244                                             | 43                                             | 3.77                    | 3920                                                         | 2.0                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 309                                             | 34                                             | 4.53                    | 3660                                                         | 2.4                                    | RX<br>RXF    | 67<br>67           | 4<br>4                |
| 326                                             | 32                                             | 4.30                    | 3610                                                         | 2.5                                    |              |                    |                       |
| 371                                             | 28                                             | 3.77                    | 3470                                                         | 3.1                                    |              |                    |                       |
| 438                                             | 24                                             | 3.20                    | 3300                                                         | 4.2                                    |              |                    |                       |
| 485                                             | 22                                             | 2.89                    | 3200                                                         | 4.9                                    |              |                    |                       |
| 551                                             | 19                                             | 2.54                    | 3070                                                         | 6.2                                    |              |                    |                       |
| 538                                             | 18                                             | 2.40                    | 3020                                                         | 6.8                                    |              |                    |                       |
| 685                                             | 15                                             | 2.04                    | 2870                                                         | 8.8                                    |              |                    |                       |
| 754                                             | 14                                             | 1.86                    | 2780                                                         | 9.1                                    |              |                    |                       |
| 870                                             | 12                                             | 1.61                    | 2660                                                         | 9.4                                    |              |                    |                       |
| 1000                                            | 11                                             | 1.40                    | 2550                                                         | 9.9                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 243                                             | 43                                             | 3.79                    | 3120                                                         | 1.60                                   | RX<br>RXF    | 57<br>57           | 6<br>6                |
| 259                                             | 41                                             | 3.55                    | 3060                                                         | 1.70                                   |              |                    |                       |
| 293                                             | 36                                             | 3.14                    | 2960                                                         | 1.80                                   |              |                    |                       |
| 316                                             | 33                                             | 2.91                    | 2900                                                         | 2.0                                    |              |                    |                       |
| 348                                             | 30                                             | 2.64                    | 2820                                                         | 2.3                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 369                                             | 28                                             | 3.79                    | 2780                                                         | 2.4                                    | RX<br>RXF    | 57<br>57           | 4<br>4                |
| 394                                             | 27                                             | 3.55                    | 2730                                                         | 2.6                                    |              |                    |                       |
| 446                                             | 24                                             | 3.14                    | 2630                                                         | 2.8                                    |              |                    |                       |
| 481                                             | 22                                             | 2.91                    | 2570                                                         | 3.1                                    |              |                    |                       |
| 530                                             | 20                                             | 2.64                    | 2500                                                         | 3.5                                    |              |                    |                       |
| 591                                             | 18                                             | 2.37                    | 2420                                                         | 3.9                                    |              |                    |                       |
| 686                                             | 15                                             | 2.04                    | 2310                                                         | 4.5                                    |              |                    |                       |
| 729                                             | 14                                             | 1.92                    | 2270                                                         | 4.8                                    |              |                    |                       |
| 847                                             | 12                                             | 1.65                    | 2160                                                         | 5.6                                    |              |                    |                       |
| 948                                             | 11                                             | 1.48                    | 2090                                                         | 6.1                                    |              |                    |                       |
| 1075                                            | 9.8                                            | 1.30                    | 2010                                                         | 6.4                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 1.5kw                                           |                                                |                         |                                                              |                                        |              |                    |                       |
| 0.60                                            | 21200                                          | 2333                    | 120000                                                       | 0.85                                   | R<br>RF      | 167 R97<br>167 R97 | 4<br>4                |
| 0.68                                            | 18800                                          | 2085                    | 120000                                                       | 0.95                                   |              |                    |                       |
| 0.75                                            | 16900                                          | 1877                    | 120000                                                       | 1.05                                   |              |                    |                       |
| 0.84                                            | 15000                                          | 1670                    | 120000                                                       | 1.20                                   |              |                    |                       |
| 0.98                                            | 13100                                          | 1438                    | 120000                                                       | 1.35                                   |              |                    |                       |
| 1.1                                             | 11700                                          | 1279                    | 120000                                                       | 1.55                                   |              |                    |                       |
| 1.3                                             | 10200                                          | 1123                    | 120000                                                       | 1.75                                   |              |                    |                       |
| 1.4                                             | 9060                                           | 999                     | 120000                                                       | 2.0                                    |              |                    |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 3.3                                             | 3870                                           | 426                     | 73600                                                        | 3.4                                    | R            | 147 R87            | 4                     |
| 3.8                                             | 3340                                           | 368                     | 73900                                                        | 3.9                                    | RF           | 147 R87            | 4                     |
|                                                 |                                                |                         |                                                              |                                        |              |                    |                       |
| 0.83                                            | 15700                                          | 1705                    | 41200                                                        | 0.85                                   | R<br>RF      | 147 R77<br>147 R77 | 4<br>4                |
| 0.93                                            | 14100                                          | 1536                    | 60300                                                        | 0.90                                   |              |                    |                       |
| 1.1                                             | 12200                                          | 1329                    | 64200                                                        | 1.05                                   |              |                    |                       |
| 1.2                                             | 10700                                          | 1166                    | 66800                                                        | 1.20                                   |              |                    |                       |
| 1.4                                             | 9410                                           | 1029                    | 68600                                                        | 1.40                                   |              |                    |                       |
| 1.6                                             | 8140                                           | 889                     | 70100                                                        | 1.60                                   |              |                    |                       |
| 1.8                                             | 7170                                           | 784                     | 71200                                                        | 1.80                                   |              |                    |                       |
| 2.0                                             | 6340                                           | 695                     | 71900                                                        | 2.0                                    |              |                    |                       |
| 2.3                                             | 5700                                           | 619                     | 72400                                                        | 2.3                                    |              |                    |                       |
| 2.5                                             | 5130                                           | 558                     | 72900                                                        | 2.5                                    |              |                    |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 1.4                                             | 9650                                           | 1043                    | 41200                                                        | 0.85                                   |              |                       |
| 1.6                                             | 8200                                           | 888                     | 52900                                                        | 1.00                                   | R 137 R77    | 4                     |
| 2.0                                             | 6440                                           | 699                     | 56300                                                        | 1.25                                   | RF 137 R77   | 4                     |
| 2.3                                             | 5590                                           | 609                     | 57600                                                        | 1.45                                   |              |                       |
| 1.3                                             | 10100                                          | 1090                    | 32300                                                        | 0.80                                   |              |                       |
| 1.5                                             | 8790                                           | 951                     | 50600                                                        | 0.90                                   |              |                       |
| 1.7                                             | 7640                                           | 831                     | 54100                                                        | 1.05                                   |              |                       |
| 1.9                                             | 6680                                           | 730                     | 55900                                                        | 1.20                                   |              |                       |
| 2.2                                             | 5740                                           | 629                     | 57400                                                        | 1.40                                   | R 137 R77    | 4                     |
| 2.5                                             | 5150                                           | 560                     | 58200                                                        | 1.55                                   | RF 137 R77   | 4                     |
| 2.9                                             | 4470                                           | 490                     | 59000                                                        | 1.80                                   |              |                       |
| 3.3                                             | 3910                                           | 428                     | 59600                                                        | 2.00                                   |              |                       |
| 3.7                                             | 3510                                           | 381                     | 59900                                                        | 2.30                                   |              |                       |
| 4.4                                             | 2980                                           | 323                     | 60400                                                        | 2.70                                   |              |                       |
| 2.7                                             | 4860                                           | 528                     | 20600                                                        | 0.90                                   | R 107 R77    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | RF 107 R77   | 4                     |
| 2.6                                             | 4970                                           | 544                     | 14800                                                        | 0.85                                   |              |                       |
| 2.9                                             | 4490                                           | 492                     | 28400                                                        | 0.95                                   |              |                       |
| 3.4                                             | 3810                                           | 417                     | 31900                                                        | 1.15                                   | R 107 R77    | 4                     |
| 3.8                                             | 3390                                           | 369                     | 33600                                                        | 1.25                                   | RF 107 R77   | 4                     |
| 4.4                                             | 2960                                           | 323                     | 35100                                                        | 1.45                                   |              |                       |
| 3.0                                             | 4410                                           | 469                     | 28900                                                        | 1.00                                   | R 107 R77    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | RF 107 R77   | 4                     |
| 4.2                                             | 3120                                           | 336                     | 14600                                                        | 0.95                                   |              |                       |
| 4.8                                             | 2740                                           | 296                     | 22700                                                        | 1.10                                   |              |                       |
| 5.7                                             | 2300                                           | 249                     | 25100                                                        | 1.30                                   | R 97 R57     | 4                     |
| 6.0                                             | 2150                                           | 234                     | 25800                                                        | 1.40                                   | RF 97 R57    | 4                     |
| 6.8                                             | 1920                                           | 209                     | 26700                                                        | 1.55                                   |              |                       |
| 3.0                                             | 4710                                           | 229.95                  | 26500                                                        | 0.90                                   |              |                       |
| 3.5                                             | 4160                                           | 203.16                  | 30200                                                        | 1.05                                   |              |                       |
| 4.1                                             | 3530                                           | 172.34                  | 33100                                                        | 1.20                                   | R 107        | 8                     |
| 4.4                                             | 3250                                           | 158.68                  | 34100                                                        | 1.30                                   | RF 107       | 8                     |
| 3.7                                             | 3910                                           | 251.15                  | 31400                                                        | 1.10                                   |              |                       |
| 4.0                                             | 3580                                           | 229.95                  | 32900                                                        | 1.20                                   |              |                       |
| 4.5                                             | 3610                                           | 203.16                  | 34400                                                        | 1.35                                   | R 107        | 6                     |
| 5.3                                             | 2680                                           | 172.34                  | 35900                                                        | 1.60                                   | RF 107       | 6                     |
| 5.8                                             | 2470                                           | 158.68                  | 36200                                                        | 1.75                                   |              |                       |
| 6.5                                             | 2210                                           | 141.83                  | 36500                                                        | 1.95                                   |              |                       |
| 5.5                                             | 2600                                           | 255.71                  | 23500                                                        | 1.15                                   |              |                       |
| 5.8                                             | 2450                                           | 241.25                  | 24300                                                        | 1.20                                   |              |                       |
| 6.5                                             | 2200                                           | 216.28                  | 25600                                                        | 1.35                                   |              |                       |
| 7.6                                             | 1890                                           | 186.30                  | 26800                                                        | 1.60                                   |              |                       |
| 8.3                                             | 1730                                           | 170.02                  | 27300                                                        | 1.75                                   |              |                       |
| 9.4                                             | 1530                                           | 150.78                  | 27600                                                        | 1.95                                   | R 97         | 4                     |
| 11                                              | 1290                                           | 126.75                  | 27900                                                        | 2.3                                    | RF 97        | 4                     |
| 12                                              | 1180                                           | 116.48                  | 28000                                                        | 2.5                                    |              |                       |
| 14                                              | 1050                                           | 103.44                  | 28200                                                        | 2.8                                    |              |                       |
| 15                                              | 940                                            | 92.48                   | 28300                                                        | 3.2                                    |              |                       |
| 7.8                                             | 1850                                           | 181.77                  | 11400                                                        | 0.85                                   |              |                       |
| 9.1                                             | 1580                                           | 155.34                  | 16700                                                        | 1.00                                   |              |                       |
| 9.9                                             | 1450                                           | 142.41                  | 17600                                                        | 1.05                                   | R 87         | 4                     |
| 11                                              | 1270                                           | 124.97                  | 18600                                                        | 1.20                                   | RF 87        | 4                     |
| 12                                              | 1200                                           | 118.43                  | 19000                                                        | 1.30                                   |              |                       |
| 14                                              | 1050                                           | 103.65                  | 19600                                                        | 1.45                                   |              |                       |
| 15                                              | 950                                            | 93.38                   | 20000                                                        | 1.65                                   |              |                       |
| 17                                              | 830                                            | 81.92                   | 20000                                                        | 1.85                                   |              |                       |
| 19                                              | 735                                            | 72.57                   | 20000                                                        | 2.1                                    |              |                       |
| 22                                              | 645                                            | 63.68                   | 20000                                                        | 2.4                                    |              |                       |
| 23                                              | 615                                            | 60.35                   | 20000                                                        | 2.5                                    | R 87         | 4                     |
| 27                                              | 535                                            | 52.82                   | 20000                                                        | 2.9                                    | RF 87        | 4                     |
| 30                                              | 485                                            | 47.58                   | 20000                                                        | 3.2                                    |              |                       |
| 34                                              | 425                                            | 41.74                   | 20000                                                        | 3.7                                    |              |                       |
| 38                                              | 375                                            | 36.84                   | 19600                                                        | 4.1                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 15                                              | 940                                            | 92.97                   | 8500                                                         | 0.85                                   |              |                       |
| 17                                              | 830                                            | 81.80                   | 9820                                                         | 1.00                                   | R 77         | 4                     |
| 18                                              | 785                                            | 77.24                   | 10200                                                        | 1.05                                   | RF 77        | 4                     |
| 21                                              | 670                                            | 65.77                   | 11100                                                        | 1.25                                   |              |                       |
| 24                                              | 585                                            | 57.68                   | 11600                                                        | 1.40                                   |              |                       |
| 27                                              | 530                                            | 52.07                   | 11900                                                        | 1.55                                   |              |                       |
| 31                                              | 465                                            | 45.81                   | 12200                                                        | 1.75                                   |              |                       |
| 33                                              | 440                                            | 43.26                   | 12300                                                        | 1.85                                   | R 77         | 4                     |
| 38                                              | 375                                            | 36.83                   | 12600                                                        | 2.2                                    | RF 77        | 4                     |
| 42                                              | 340                                            | 33.47                   | 12700                                                        | 2.4                                    |              |                       |
| 49                                              | 295                                            | 29.00                   | 12500                                                        | 2.8                                    |              |                       |
| 56                                              | 255                                            | 25.23                   | 12000                                                        | 3.0                                    |              |                       |
| 60                                              | 240                                            | 23.37                   | 11800                                                        | 3.5                                    |              |                       |
| 66                                              | 220                                            | 21.43                   | 11500                                                        | 3.8                                    | R 77         | 4                     |
| 75                                              | 191                                            | 18.80                   | 11000                                                        | 4.1                                    | RF 77        | 4                     |
| 23                                              | 620                                            | 61.26                   | 7280                                                         | 0.95                                   |              |                       |
| 25                                              | 580                                            | 56.89                   | 7810                                                         | 1.05                                   |              |                       |
| 27                                              | 525                                            | 51.56                   | 8370                                                         | 1.15                                   |              |                       |
| 30                                              | 470                                            | 46.29                   | 8830                                                         | 1.30                                   | R 67         | 4                     |
| 35                                              | 405                                            | 39.88                   | 9300                                                         | 1.45                                   | RF 67        | 4                     |
| 38                                              | 380                                            | 37.50                   | 9460                                                         | 1.50                                   |              |                       |
| 44                                              | 330                                            | 32.27                   | 9750                                                         | 1.65                                   |              |                       |
| 49                                              | 295                                            | 28.83                   | 9920                                                         | 1.80                                   |              |                       |
| 50                                              | 285                                            | 28.13                   | 9950                                                         | 1.90                                   |              |                       |
| 53                                              | 270                                            | 26.72                   | 9850                                                         | 2.0                                    | R 67         | 4                     |
| 60                                              | 240                                            | 23.44                   | 9500                                                         | 2.3                                    | RF 67        | 4                     |
| 71                                              | 200                                            | 19.89                   | 9070                                                         | 3.0                                    |              |                       |
| 79                                              | 182                                            | 17.95                   | 8810                                                         | 3.2                                    |              |                       |
| 27                                              | 540                                            | 53.22                   | 5140                                                         | 0.85                                   | R 57         | 4                     |
| 29                                              | 490                                            | 48.23                   | 6010                                                         | 0.90                                   | RF 57        | 4                     |
| 33                                              | 440                                            | 43.30                   | 5920                                                         | 1.00                                   |              |                       |
| 38                                              | 380                                            | 37.30                   | 5770                                                         | 1.20                                   |              |                       |
| 40                                              | 355                                            | 35.07                   | 5710                                                         | 1.25                                   | R 57         | 4                     |
| 47                                              | 305                                            | 30.18                   | 5540                                                         | 1.45                                   | RF 57        | 4                     |
| 52                                              | 275                                            | 26.97                   | 5420                                                         | 1.65                                   |              |                       |
| 54                                              | 265                                            | 26.31                   | 5390                                                         | 1.70                                   |              |                       |
| 56                                              | 255                                            | 24.99                   | 5330                                                         | 1.75                                   |              |                       |
| 64                                              | 225                                            | 21.93                   | 5170                                                         | 2.0                                    |              |                       |
| 76                                              | 189                                            | 18.60                   | 4980                                                         | 2.4                                    | R 57         | 4                     |
| 84                                              | 171                                            | 16.79                   | 4850                                                         | 2.6                                    | RF 57        | 4                     |
| 95                                              | 150                                            | 14.77                   | 4700                                                         | 2.9                                    |              |                       |
| 101                                             | 142                                            | 13.95                   | 4630                                                         | 3.0                                    |              |                       |
| 119                                             | 121                                            | 11.88                   | 4440                                                         | 3.4                                    |              |                       |
| 38                                              | 375                                            | 36.93                   | 2380                                                         | 0.80                                   |              |                       |
| 41                                              | 355                                            | 34.73                   | 3840                                                         | 0.85                                   |              |                       |
| 47                                              | 305                                            | 29.88                   | 4220                                                         | 1.00                                   | R 47         | 4                     |
| 53                                              | 370                                            | 26.70                   | 4140                                                         | 1.10                                   | RF 47        | 4                     |
| 60                                              | 240                                            | 23.59                   | 4050                                                         | 1.25                                   |              |                       |
| 61                                              | 235                                            | 23.28                   | 4040                                                         | 1.25                                   |              |                       |
| 65                                              | 220                                            | 21.81                   | 3990                                                         | 1.35                                   |              |                       |
| 73                                              | 196                                            | 19.27                   | 3890                                                         | 1.50                                   |              |                       |
| 79                                              | 182                                            | 17.89                   | 3830                                                         | 1.60                                   |              |                       |
| 87                                              | 165                                            | 16.22                   | 3740                                                         | 1.65                                   |              |                       |
| 97                                              | 148                                            | 14.56                   | 3650                                                         | 1.80                                   |              |                       |
| 112                                             | 127                                            | 12.54                   | 3520                                                         | 1.95                                   |              |                       |
| 120                                             | 120                                            | 11.79                   | 3470                                                         | 2.00                                   |              |                       |
| 139                                             | 103                                            | 10.15                   | 3340                                                         | 2.2                                    | R 47         | 4                     |
| 155                                             | 92                                             | 9.07                    | 3240                                                         | 2.4                                    | RF 47        | 4                     |
| 176                                             | 81                                             | 8.01                    | 3140                                                         | 2.5                                    |              |                       |
| 182                                             | 79                                             | 7.76                    | 3060                                                         | 2.1                                    |              |                       |
| 203                                             | 71                                             | 6.96                    | 2980                                                         | 2.2                                    |              |                       |
| 235                                             | 61                                             | 6.00                    | 2860                                                         | 2.6                                    |              |                       |
| 250                                             | 57                                             | 5.64                    | 2810                                                         | 2.7                                    |              |                       |
| 291                                             | 49                                             | 4.85                    | 2700                                                         | 3.0                                    |              |                       |
| 325                                             | 44                                             | 4.34                    | 2610                                                         | 3.3                                    |              |                       |
| 368                                             | 39                                             | 3.83                    | 2520                                                         | 3.7                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 73                                              | 196                                            | 19.31                   | 2660                                                         | 1.00                                   | R 37         | 4                     |
| 78                                              | 183                                            | 18.05                   | 2840                                                         | 1.10                                   | RF 37        | 4                     |
| 90                                              | 159                                            | 15.60                   | 3160                                                         | 1.25                                   |              |                       |
| 106                                             | 135                                            | 13.25                   | 3350                                                         | 1.40                                   |              |                       |
| 119                                             | 120                                            | 11.83                   | 3270                                                         | 1.50                                   |              |                       |
| 140                                             | 103                                            | 10.11                   | 3160                                                         | 1.65                                   |              |                       |
| 149                                             | 96                                             | 9.47                    | 3110                                                         | 1.75                                   |              |                       |
| 177                                             | 81                                             | 7.97                    | 2980                                                         | 1.95                                   | R 37         | 4                     |
| 211                                             | 68                                             | 6.67                    | 2820                                                         | 2.1                                    | RF 37        | 4                     |
| 249                                             | 58                                             | 5.67                    | 2710                                                         | 2.5                                    |              |                       |
| 279                                             | 51                                             | 5.06                    | 2630                                                         | 2.6                                    |              |                       |
| 326                                             | 44                                             | 4.32                    | 2520                                                         | 2.9                                    |              |                       |
| 348                                             | 41                                             | 4.05                    | 2470                                                         | 3.0                                    |              |                       |
| 414                                             | 35                                             | 3.41                    | 2360                                                         | 3.2                                    |              |                       |
| 204                                             | 70                                             | 13.25                   | 2880                                                         | 2.7                                    | R 37         | 2                     |
| 228                                             | 63                                             | 11.83                   | 2790                                                         | 2.9                                    | RF 37        | 2                     |
| 267                                             | 54                                             | 10.11                   | 2680                                                         | 3.2                                    |              |                       |
| 285                                             | 50                                             | 9.47                    | 2630                                                         | 3.3                                    |              |                       |
| 339                                             | 42                                             | 7.97                    | 2510                                                         | 3.7                                    |              |                       |
| 90                                              | 159                                            | 15.63                   | 1700                                                         | 0.80                                   |              |                       |
| 106                                             | 135                                            | 13.28                   | 2020                                                         | 0.95                                   |              |                       |
| 119                                             | 121                                            | 11.86                   | 2080                                                         | 1.05                                   |              |                       |
| 139                                             | 103                                            | 10.13                   | 2030                                                         | 1.20                                   |              |                       |
| 173                                             | 83                                             | 8.16                    | 1880                                                         | 1.40                                   |              |                       |
| 185                                             | 78                                             | 7.63                    | 1860                                                         | 1.45                                   | R 27         | 4                     |
| 214                                             | 67                                             | 6.59                    | 1810                                                         | 1.60                                   | RF 27        | 4                     |
| 252                                             | 57                                             | 5.60                    | 1750                                                         | 1.75                                   |              |                       |
| 282                                             | 51                                             | 5.00                    | 1710                                                         | 1.85                                   |              |                       |
| 330                                             | 43                                             | 4.27                    | 1650                                                         | 2.0                                    |              |                       |
| 353                                             | 41                                             | 4.00                    | 1630                                                         | 2.1                                    |              |                       |
| 418                                             | 34                                             | 3.37                    | 1560                                                         | 2.3                                    |              |                       |
| 228                                             | 63                                             | 11.86                   | 1840                                                         | 2.10                                   |              |                       |
| 267                                             | 54                                             | 10.13                   | 1770                                                         | 2.3                                    |              |                       |
| 331                                             | 43                                             | 8.16                    | 1650                                                         | 2.7                                    |              |                       |
| 354                                             | 41                                             | 7.63                    | 1620                                                         | 2.8                                    |              |                       |
| 410                                             | 35                                             | 6.59                    | 1570                                                         | 3.0                                    |              |                       |
| 482                                             | 30                                             | 5.60                    | 1500                                                         | 3.3                                    | R 27         | 2                     |
| 540                                             | 27                                             | 5.00                    | 1460                                                         | 3.6                                    | RF 27        | 2                     |
| 632                                             | 23                                             | 4.27                    | 1400                                                         | 3.8                                    |              |                       |
| 675                                             | 21                                             | 4.00                    | 1370                                                         | 4.0                                    |              |                       |
| 801                                             | 18                                             | 3.37                    | 1310                                                         | 4.4                                    |              |                       |
| 250                                             | 57                                             | 5.63                    | 5580                                                         | 1.90                                   |              |                       |
| 264                                             | 54                                             | 5.35                    | 5490                                                         | 1.90                                   |              |                       |
| 298                                             | 48                                             | 4.73                    | 5300                                                         | 2.6                                    |              |                       |
| 349                                             | 41                                             | 4.04                    | 5050                                                         | 3.5                                    |              |                       |
| 381                                             | 38                                             | 3.70                    | 4920                                                         | 4.1                                    | RX 77        | 4                     |
| 434                                             | 33                                             | 3.25                    | 4720                                                         | 5.5                                    | RXF 77       | 4                     |
| 458                                             | 31                                             | 3.08                    | 4650                                                         | 6.2                                    |              |                       |
| 523                                             | 27                                             | 2.70                    | 4460                                                         | 7.8                                    |              |                       |
| 581                                             | 25                                             | 2.43                    | 4310                                                         | 8.7                                    |              |                       |
| 312                                             | 46                                             | 4.53                    | 3570                                                         | 1.80                                   |              |                       |
| 328                                             | 44                                             | 4.30                    | 3520                                                         | 1.85                                   |              |                       |
| 374                                             | 38                                             | 3.77                    | 3390                                                         | 2.3                                    |              |                       |
| 441                                             | 33                                             | 3.20                    | 3230                                                         | 3.1                                    |              |                       |
| 488                                             | 29                                             | 2.89                    | 3140                                                         | 3.6                                    |              |                       |
| 555                                             | 26                                             | 2.54                    | 3020                                                         | 4.6                                    | RX 67        | 4                     |
| 588                                             | 24                                             | 2.40                    | 2970                                                         | 5.0                                    | RXF 67       | 4                     |
| 690                                             | 21                                             | 2.04                    | 2820                                                         | 6.4                                    |              |                       |
| 759                                             | 19                                             | 1.86                    | 2740                                                         | 6.7                                    |              |                       |
| 876                                             | 16                                             | 1.61                    | 2620                                                         | 7.0                                    |              |                       |
| 1005                                            | 14                                             | 1.40                    | 2510                                                         | 7.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 372                                             | 39                                             | 3.79                    | 2700                                                         | 1.80                                   |              |                       |
| 397                                             | 36                                             | 3.55                    | 2650                                                         | 1.90                                   |              |                       |
| 450                                             | 32                                             | 3.14                    | 2560                                                         | 2.0                                    |              |                       |
| 484                                             | 30                                             | 2.91                    | 2510                                                         | 2.3                                    |              |                       |
| 534                                             | 27                                             | 2.64                    | 2440                                                         | 2.6                                    |              |                       |
| 595                                             | 24                                             | 2.37                    | 2360                                                         | 2.9                                    | RX 67        | 4                     |
| 691                                             | 21                                             | 2.04                    | 2260                                                         | 3.3                                    | RXF 67       | 4                     |
| 734                                             | 20                                             | 1.92                    | 2220                                                         | 3.5                                    |              |                       |
| 853                                             | 17                                             | 1.65                    | 2120                                                         | 4.1                                    |              |                       |
| 955                                             | 15                                             | 1.48                    | 2050                                                         | 4.5                                    |              |                       |
| 1080                                            | 13                                             | 1.30                    | 1980                                                         | 4.7                                    |              |                       |
| <b>2.2kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 0.84                                            | 22400                                          | 1670                    | 120000                                                       | 0.80                                   |              |                       |
| 0.98                                            | 19500                                          | 1438                    | 120000                                                       | 0.95                                   |              |                       |
| 1.1                                             | 17300                                          | 1279                    | 120000                                                       | 1.05                                   |              |                       |
| 1.3                                             | 15100                                          | 1123                    | 120000                                                       | 1.20                                   | R 167 R97    | 4                     |
| 1.4                                             | 13500                                          | 999                     | 120000                                                       | 1.35                                   | RF 167 R97   | 4                     |
| 1.6                                             | 11600                                          | 861                     | 120000                                                       | 1.55                                   |              |                       |
| 1.9                                             | 10300                                          | 760                     | 120000                                                       | 1.75                                   |              |                       |
| 2.2                                             | 8710                                           | 656                     | 120000                                                       | 2.1                                    |              |                       |
| 2.6                                             | 7130                                           | 533                     | 71200                                                        | 1.80                                   |              |                       |
| 3.0                                             | 6150                                           | 462                     | 72100                                                        | 2.1                                    |              |                       |
| 3.3                                             | 5740                                           | 426                     | 72400                                                        | 2.3                                    | R 147 R87    | 4                     |
| 3.8                                             | 4960                                           | 368                     | 73000                                                        | 2.6                                    | RF 147 R87   | 4                     |
| 4.3                                             | 4390                                           | 326                     | 73300                                                        | 3.0                                    |              |                       |
| 1.2                                             | 15800                                          | 1166                    | 39400                                                        | 0.80                                   |              |                       |
| 1.4                                             | 13900                                          | 1029                    | 60700                                                        | 0.95                                   |              |                       |
| 1.6                                             | 12000                                          | 889                     | 64500                                                        | 1.10                                   |              |                       |
| 1.8                                             | 10600                                          | 784                     | 66900                                                        | 1.20                                   |              |                       |
| 2.0                                             | 9400                                           | 695                     | 68600                                                        | 1.40                                   | R 147 R77    | 4                     |
| 2.3                                             | 8420                                           | 619                     | 69800                                                        | 1.55                                   | RF 147 R77   | 4                     |
| 2.5                                             | 7580                                           | 558                     | 70800                                                        | 1.70                                   |              |                       |
| 2.9                                             | 6640                                           | 489                     | 71700                                                        | 1.95                                   |              |                       |
| 2.0                                             | 9510                                           | 699                     | 43900                                                        | 0.85                                   | R 137 R77    | 4                     |
| 2.3                                             | 8270                                           | 609                     | 52800                                                        | 0.95                                   | RF 137 R77   | 4                     |
| 1.9                                             | 9890                                           | 730                     | 36300                                                        | 0.80                                   |              |                       |
| 2.2                                             | 8500                                           | 629                     | 51800                                                        | 0.95                                   |              |                       |
| 2.5                                             | 7620                                           | 560                     | 54200                                                        | 1.05                                   |              |                       |
| 2.9                                             | 6630                                           | 490                     | 56000                                                        | 1.20                                   |              |                       |
| 3.3                                             | 5790                                           | 428                     | 57400                                                        | 1.40                                   |              |                       |
| 3.7                                             | 5190                                           | 381                     | 58200                                                        | 1.55                                   | R 137 R77    | 4                     |
| 4.4                                             | 4400                                           | 323                     | 59100                                                        | 1.80                                   | RF 137 R77   | 4                     |
| 4.8                                             | 3960                                           | 291                     | 59500                                                        | 2.0                                    |              |                       |
| 5.5                                             | 3460                                           | 255                     | 60000                                                        | 2.3                                    |              |                       |
| 6.3                                             | 3030                                           | 223                     | 60300                                                        | 2.6                                    |              |                       |
| 3.8                                             | 5010                                           | 369                     | 12100                                                        | 0.85                                   |              |                       |
| 4.4                                             | 4390                                           | 323                     | 29000                                                        | 1.00                                   |              |                       |
| 4.9                                             | 3860                                           | 285                     | 31600                                                        | 1.10                                   | R 107 R77    | 4                     |
| 5.6                                             | 3420                                           | 253                     | 33500                                                        | 1.25                                   | RF 107 R77   | 4                     |
| 6.6                                             | 2900                                           | 214                     | 35300                                                        | 1.50                                   |              |                       |
| 4.3                                             | 4480                                           | 325                     | 28400                                                        | 0.95                                   | R 107 R77    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | RF 107 R77   | 4                     |
| 6.0                                             | 3170                                           | 234                     | 11300                                                        | 0.95                                   | R 97 R57     | 4                     |
| 6.8                                             | 2840                                           | 209                     | 22100                                                        | 1.05                                   | RF 97 R57    | 4                     |
| 3.1                                             | 6680                                           | 222.60                  | 55900                                                        | 1.20                                   |              |                       |
| 3.7                                             | 5660                                           | 188.45                  | 57500                                                        | 1.40                                   |              |                       |
| 4.0                                             | 5230                                           | 174.40                  | 58100                                                        | 1.55                                   | R 137        | 8                     |
| 4.5                                             | 4690                                           | 156.31                  | 58800                                                        | 1.70                                   | RF 137       | 8                     |
| 5.0                                             | 4240                                           | 141.12                  | 59300                                                        | 1.90                                   |              |                       |
| 5.5                                             | 3850                                           | 128.18                  | 59600                                                        | 2.1                                    |              |                       |
| 6.2                                             | 3410                                           | 113.72                  | 60000                                                        | 2.3                                    | R 137        | 8                     |
| 6.8                                             | 3100                                           | 103.20                  | 60300                                                        | 2.6                                    | RF 137       | 8                     |
| 4.6                                             | 4540                                           | 203.16                  | 28100                                                        | 0.95                                   |              |                       |
| 5.4                                             | 3850                                           | 172.34                  | 31700                                                        | 1.10                                   | R 107        | 6                     |
| 5.9                                             | 3550                                           | 158.68                  | 33000                                                        | 1.20                                   | RF 107       | 6                     |
| 6.6                                             | 3170                                           | 141.83                  | 34400                                                        | 1.35                                   |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{rs}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>2.2kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 5.6                                             | 3740                                             | 251.15                | 32200                                                        | 1.15                                   | R 107        | 4                     |
| 6.1                                             | 3430                                             | 229.95                | 33500                                                        | 1.25                                   | RF 107       | 4                     |
| 6.9                                             | 3030                                             | 203.16                | 34900                                                        | 1.40                                   |              |                       |
| 8.2                                             | 2570                                             | 172.34                | 36100                                                        | 1.65                                   |              |                       |
| 8.9                                             | 2360                                             | 158.68                | 36300                                                        | 1.80                                   |              |                       |
| 9.9                                             | 2110                                             | 141.83                | 36600                                                        | 2.0                                    | R 107        | 4                     |
| 11                                              | 1900                                             | 127.68                | 36900                                                        | 2.3                                    | RF 107       | 4                     |
| 12                                              | 1720                                             | 115.63                | 37000                                                        | 2.5                                    |              |                       |
| 14                                              | 1530                                             | 102.53                | 37200                                                        | 2.8                                    |              |                       |
| 15                                              | 1380                                             | 92.70                 | 37300                                                        | 3.1                                    |              |                       |
| 6.5                                             | 3220                                             | 216.28                | 7030                                                         | 0.95                                   | R 97         | 4                     |
| 7.6                                             | 2780                                             | 186.30                | 22500                                                        | 1.10                                   | RF 97        | 4                     |
| 8.3                                             | 2530                                             | 170.02                | 23900                                                        | 1.20                                   |              |                       |
| 9.4                                             | 2250                                             | 150.75                | 25300                                                        | 1.35                                   |              |                       |
| 11                                              | 1890                                             | 126.75                | 26800                                                        | 1.60                                   |              |                       |
| 12                                              | 1740                                             | 116.48                | 27300                                                        | 1.75                                   |              |                       |
| 14                                              | 1540                                             | 103.44                | 27600                                                        | 1.95                                   |              |                       |
| 15                                              | 1380                                             | 92.48                 | 27800                                                        | 2.2                                    | R 97         | 4                     |
| 17                                              | 1240                                             | 83.15                 | 28000                                                        | 2.4                                    | RF 97        | 4                     |
| 20                                              | 1080                                             | 72.17                 | 28200                                                        | 2.8                                    |              |                       |
| 22                                              | 970                                              | 65.21                 | 27700                                                        | 3.1                                    |              |                       |
| 24                                              | 890                                              | 59.92                 | 27000                                                        | 3.4                                    |              |                       |
| 27                                              | 795                                              | 53.21                 | 26100                                                        | 3.8                                    |              |                       |
| 30                                              | 710                                              | 47.58                 | 25300                                                        | 4.2                                    |              |                       |
| 11                                              | 1860                                             | 124.97                | 10100                                                        | 0.85                                   | R 87         | 4                     |
| 12                                              | 1760                                             | 118.43                | 15200                                                        | 0.90                                   | RF 87        | 4                     |
| 14                                              | 1540                                             | 103.65                | 17000                                                        | 1.00                                   |              |                       |
| 15                                              | 1390                                             | 93.38                 | 17900                                                        | 1.10                                   |              |                       |
| 17                                              | 1220                                             | 81.92                 | 18900                                                        | 1.25                                   |              |                       |
| 19                                              | 1080                                             | 72.57                 | 19500                                                        | 1.45                                   |              |                       |
| 22                                              | 950                                              | 63.68                 | 20000                                                        | 1.65                                   |              |                       |
| 23                                              | 900                                              | 60.35                 | 20000                                                        | 1.70                                   |              |                       |
| 27                                              | 785                                              | 52.82                 | 20000                                                        | 1.95                                   | R 87         | 4                     |
| 30                                              | 710                                              | 47.58                 | 20000                                                        | 2.2                                    | RF 87        | 4                     |
| 34                                              | 620                                              | 41.74                 | 19900                                                        | 2.5                                    |              |                       |
| 38                                              | 550                                              | 36.84                 | 19200                                                        | 2.8                                    |              |                       |
| 43                                              | 485                                              | 32.66                 | 18500                                                        | 3.2                                    |              |                       |
| 41                                              | 515                                              | 34.40                 | 18800                                                        | 2.9                                    |              |                       |
| 45                                              | 470                                              | 31.40                 | 18300                                                        | 3.3                                    | R 87         | 4                     |
| 51                                              | 415                                              | 27.84                 | 17700                                                        | 3.7                                    | RF 87        | 4                     |
| 60                                              | 350                                              | 23.40                 | 16800                                                        | 4.4                                    |              |                       |
| 66                                              | 320                                              | 21.51                 | 16400                                                        | 4.7                                    |              |                       |
| 21                                              | 980                                              | 65.77                 | 5470                                                         | 0.85                                   | R 77         | 4                     |
| 24                                              | 860                                              | 57.68                 | 9540                                                         | 0.95                                   | RF 77        | 4                     |
| 27                                              | 775                                              | 52.07                 | 10300                                                        | 1.05                                   |              |                       |
| 31                                              | 685                                              | 45.81                 | 11000                                                        | 1.20                                   |              |                       |
| 33                                              | 645                                              | 43.26                 | 11300                                                        | 1.25                                   |              |                       |
| 38                                              | 550                                              | 36.83                 | 11800                                                        | 1.50                                   | R 77         | 4                     |
| 42                                              | 500                                              | 33.48                 | 12100                                                        | 1.65                                   | RF 77        | 4                     |
| 49                                              | 430                                              | 29.00                 | 12100                                                        | 1.90                                   |              |                       |
| 56                                              | 375                                              | 25.23                 | 11700                                                        | 2.1                                    |              |                       |
| 60                                              | 350                                              | 23.37                 | 11400                                                        | 2.3                                    |              |                       |
| 66                                              | 320                                              | 21.43                 | 11200                                                        | 2.6                                    |              |                       |
| 75                                              | 280                                              | 18.80                 | 10800                                                        | 2.8                                    | R 77         | 4                     |
| 79                                              | 265                                              | 17.82                 | 10600                                                        | 2.9                                    | RF 77        | 4                     |
| 90                                              | 230                                              | 15.60                 | 10200                                                        | 3.2                                    |              |                       |
| 100                                             | 210                                              | 14.05                 | 9910                                                         | 3.4                                    |              |                       |
| 35                                              | 595                                              | 39.88                 | 7630                                                         | 1.00                                   |              |                       |
| 38                                              | 560                                              | 37.50                 | 8020                                                         | 1.00                                   | R 67         | 4                     |
| 44                                              | 480                                              | 32.27                 | 8750                                                         | 1.10                                   | RF 67        | 4                     |
| 49                                              | 430                                              | 28.83                 | 9140                                                         | 1.20                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{rs}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>2.2kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 60                                              | 350                                              | 23.44                 | 9140                                                         | 1.60                                   |              |                       |
| 71                                              | 295                                              | 19.89                 | 8760                                                         | 2.0                                    |              |                       |
| 79                                              | 270                                              | 17.95                 | 8530                                                         | 2.2                                    |              |                       |
| 89                                              | 235                                              | 15.79                 | 8240                                                         | 2.4                                    |              |                       |
| 95                                              | 220                                              | 14.91                 | 8110                                                         | 2.5                                    | R 67         | 4                     |
| 111                                             | 189                                              | 12.70                 | 7760                                                         | 2.8                                    | RF 67        | 4                     |
| 122                                             | 172                                              | 11.54                 | 7560                                                         | 2.9                                    |              |                       |
| 141                                             | 149                                              | 10.00                 | 7250                                                         | 3.2                                    |              |                       |
| 162                                             | 130                                              | 8.70                  | 6960                                                         | 3.4                                    |              |                       |
| 181                                             | 116                                              | 7.79                  | 6760                                                         | 3.3                                    |              |                       |
| 38                                              | 555                                              | 37.30                 | 4490                                                         | 0.80                                   |              |                       |
| 40                                              | 525                                              | 35.07                 | 5110                                                         | 0.85                                   | R 57         | 4                     |
| 47                                              | 450                                              | 30.18                 | 5030                                                         | 1.00                                   | RF 57        | 4                     |
| 52                                              | 400                                              | 26.97                 | 4960                                                         | 1.10                                   |              |                       |
| 64                                              | 325                                              | 21.93                 | 4800                                                         | 1.40                                   |              |                       |
| 76                                              | 275                                              | 18.16                 | 4660                                                         | 1.60                                   |              |                       |
| 84                                              | 250                                              | 16.79                 | 4570                                                         | 1.80                                   |              |                       |
| 95                                              | 220                                              | 14.77                 | 4450                                                         | 2.0                                    |              |                       |
| 101                                             | 210                                              | 13.95                 | 4390                                                         | 2.1                                    | R 57         | 4                     |
| 119                                             | 177                                              | 11.88                 | 4230                                                         | 2.3                                    | RF 57        | 4                     |
| 131                                             | 161                                              | 10.79                 | 4140                                                         | 2.4                                    |              |                       |
| 151                                             | 139                                              | 9.35                  | 4000                                                         | 2.7                                    |              |                       |
| 156                                             | 135                                              | 9.06                  | 3980                                                         | 2.8                                    |              |                       |
| 177                                             | 119                                              | 7.97                  | 3850                                                         | 3.0                                    |              |                       |
| 104                                             | 205                                              | 26.31                 | 4370                                                         | 2.2                                    |              |                       |
| 109                                             | 192                                              | 24.99                 | 4320                                                         | 2.3                                    |              |                       |
| 124                                             | 169                                              | 21.93                 | 4190                                                         | 2.7                                    |              |                       |
| 147                                             | 143                                              | 18.60                 | 4020                                                         | 3.1                                    | R 57         | 2                     |
| 163                                             | 129                                              | 16.79                 | 3920                                                         | 3.5                                    | RF 57        | 2                     |
| 185                                             | 114                                              | 14.77                 | 3790                                                         | 3.8                                    |              |                       |
| 196                                             | 107                                              | 13.95                 | 3740                                                         | 4.0                                    |              |                       |
| 73                                              | 285                                              | 19.27                 | 3550                                                         | 1.05                                   |              |                       |
| 87                                              | 240                                              | 16.22                 | 3460                                                         | 1.15                                   |              |                       |
| 97                                              | 215                                              | 14.56                 | 3400                                                         | 1.20                                   |              |                       |
| 112                                             | 187                                              | 12.54                 | 3310                                                         | 1.35                                   |              |                       |
| 120                                             | 185                                              | 11.79                 | 3270                                                         | 1.40                                   |              |                       |
| 139                                             | 151                                              | 10.15                 | 3160                                                         | 1.50                                   |              |                       |
| 155                                             | 135                                              | 9.07                  | 3090                                                         | 1.65                                   |              |                       |
| 176                                             | 119                                              | 8.01                  | 3000                                                         | 1.70                                   | R 47         | 4                     |
| 182                                             | 116                                              | 7.76                  | 2910                                                         | 1.40                                   | RF 47        | 4                     |
| 203                                             | 104                                              | 6.96                  | 2840                                                         | 1.55                                   |              |                       |
| 235                                             | 89                                               | 6.00                  | 2740                                                         | 1.75                                   |              |                       |
| 250                                             | 84                                               | 5.64                  | 2700                                                         | 1.85                                   |              |                       |
| 291                                             | 72                                               | 4.85                  | 2600                                                         | 2.1                                    |              |                       |
| 325                                             | 65                                               | 4.34                  | 2530                                                         | 2.3                                    |              |                       |
| 368                                             | 57                                               | 3.83                  | 2440                                                         | 2.5                                    |              |                       |
| 117                                             | 179                                              | 23.28                 | 3280                                                         | 1.70                                   |              |                       |
| 125                                             | 168                                              | 21.81                 | 3230                                                         | 1.80                                   |              |                       |
| 142                                             | 148                                              | 19.27                 | 3150                                                         | 2.0                                    |              |                       |
| 153                                             | 138                                              | 17.89                 | 3100                                                         | 2.1                                    |              |                       |
| 168                                             | 125                                              | 16.22                 | 3030                                                         | 2.2                                    |              |                       |
| 187                                             | 112                                              | 14.56                 | 2950                                                         | 2.4                                    | R 47         | 2                     |
| 218                                             | 97                                               | 12.54                 | 2850                                                         | 2.6                                    | RF 47        | 2                     |
| 231                                             | 91                                               | 11.97                 | 2800                                                         | 2.7                                    |              |                       |
| 269                                             | 78                                               | 10.15                 | 2700                                                         | 2.9                                    |              |                       |
| 301                                             | 70                                               | 9.07                  | 2620                                                         | 3.2                                    |              |                       |
| 341                                             | 62                                               | 8.01                  | 2530                                                         | 3.3                                    |              |                       |
| 90                                              | 230                                              | 15.60                 | 1070                                                         | 0.85                                   | R 37         | 4                     |
| 106                                             | 198                                              | 13.25                 | 1660                                                         | 0.95                                   | RF 37        | 4                     |
| 119                                             | 176                                              | 11.83                 | 1990                                                         | 1.05                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_b$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| <b>2.2kW</b>                                    |                                                |                       |                                                              |                                        |                 |                       |
| 140                                             | 151                                            | 10.11                 | 2360                                                         | 1.15                                   | R 37<br>RF 37   | 4                     |
| 149                                             | 141                                            | 9.47                  | 2480                                                         | 1.20                                   |                 |                       |
| 177                                             | 119                                            | 7.97                  | 2750                                                         | 1.30                                   |                 |                       |
| 211                                             | 99                                             | 6.67                  | 2470                                                         | 1.45                                   |                 |                       |
| 249                                             | 84                                             | 5.67                  | 2570                                                         | 1.70                                   |                 |                       |
| 279                                             | 75                                             | 5.06                  | 2500                                                         | 1.80                                   |                 |                       |
| 326                                             | 64                                             | 4.32                  | 2410                                                         | 1.95                                   |                 |                       |
| 348                                             | 60                                             | 4.05                  | 2370                                                         | 2.0                                    |                 |                       |
| 414                                             | 51                                             | 3.41                  | 2270                                                         | 2.2                                    |                 |                       |
| 141                                             | 149                                            | 19.31                 | 2380                                                         | 1.35                                   | R 37            | 2                     |
| 151                                             | 139                                            | 18.05                 | 2510                                                         | 1.45                                   | RF 37           | 2                     |
| 175                                             | 120                                            | 15.60                 | 2740                                                         | 1.65                                   |                 |                       |
| 206                                             | 102                                            | 13.25                 | 2720                                                         | 1.85                                   | R 37<br>RF 37   | 2                     |
| 231                                             | 91                                             | 11.83                 | 2650                                                         | 2.0                                    |                 |                       |
| 270                                             | 78                                             | 10.11                 | 2550                                                         | 2.2                                    |                 |                       |
| 288                                             | 73                                             | 9.47                  | 2510                                                         | 2.3                                    |                 |                       |
| 342                                             | 61                                             | 7.97                  | 2410                                                         | 2.5                                    |                 |                       |
| 409                                             | 51                                             | 6.67                  | 2280                                                         | 2.8                                    |                 |                       |
| 480                                             | 44                                             | 5.67                  | 2180                                                         | 3.3                                    |                 |                       |
| 540                                             | 39                                             | 5.06                  | 2120                                                         | 3.5                                    |                 |                       |
| 632                                             | 33                                             | 4.32                  | 2030                                                         | 3.8                                    |                 |                       |
| 675                                             | 31                                             | 4.05                  | 1990                                                         | 3.9                                    |                 |                       |
| 801                                             | 26                                             | 3.41                  | 1900                                                         | 4.3                                    |                 |                       |
| 139                                             | 151                                            | 10.13                 | 1120                                                         | 0.80                                   | R 27<br>RF 27   | 4                     |
| 214                                             | 98                                             | 6.59                  | 1130                                                         | 1.10                                   |                 |                       |
| 252                                             | 83                                             | 5.60                  | 1390                                                         | 1.20                                   |                 |                       |
| 282                                             | 75                                             | 5.00                  | 1540                                                         | 1.30                                   |                 |                       |
| 330                                             | 64                                             | 4.27                  | 1540                                                         | 1.35                                   |                 |                       |
| 353                                             | 60                                             | 4.00                  | 1520                                                         | 1.45                                   |                 |                       |
| 418                                             | 50                                             | 3.37                  | 1470                                                         | 1.55                                   |                 |                       |
| 206                                             | 102                                            | 13.28                 | 1720                                                         | 1.25                                   | R 27<br>RF 27   | 2                     |
| 230                                             | 91                                             | 11.86                 | 1690                                                         | 1.40                                   |                 |                       |
| 270                                             | 78                                             | 10.13                 | 6550                                                         | 1.55                                   |                 |                       |
| 335                                             | 63                                             | 8.196                 | 1530                                                         | 1.85                                   |                 |                       |
| 358                                             | 59                                             | 7.63                  | 1510                                                         | 1.90                                   |                 |                       |
| 414                                             | 51                                             | 6.59                  | 1470                                                         | 2.1                                    |                 |                       |
| 488                                             | 43                                             | 5.60                  | 1420                                                         | 2.3                                    |                 |                       |
| 546                                             | 39                                             | 5.00                  | 1390                                                         | 2.5                                    |                 |                       |
| 639                                             | 33                                             | 4.27                  | 1340                                                         | 2.6                                    |                 |                       |
| 683                                             | 31                                             | 4.00                  | 1310                                                         | 2.8                                    |                 |                       |
| 810                                             | 26                                             | 3.37                  | 1260                                                         | 3.0                                    |                 |                       |
| 298                                             | 70                                             | 4.73                  | 5180                                                         | 1.75                                   | RX 77<br>RXF 77 | 4                     |
| 349                                             | 60                                             | 4.04                  | 4950                                                         | 2.4                                    |                 |                       |
| 381                                             | 55                                             | 3.70                  | 4820                                                         | 2.8                                    |                 |                       |
| 434                                             | 48                                             | 3.25                  | 4640                                                         | 3.8                                    |                 |                       |
| 458                                             | 46                                             | 3.08                  | 4560                                                         | 4.2                                    |                 |                       |
| 523                                             | 40                                             | 2.70                  | 4380                                                         | 5.3                                    |                 |                       |
| 581                                             | 36                                             | 2.43                  | 4250                                                         | 5.9                                    |                 |                       |
| 662                                             | 32                                             | 2.13                  | 4080                                                         | 6.3                                    |                 |                       |
| 750                                             | 28                                             | 1.88                  | 3920                                                         | 6.7                                    |                 |                       |
| 846                                             | 25                                             | 1.67                  | 3780                                                         | 7.0                                    |                 |                       |
| 991                                             | 21                                             | 1.42                  | 3590                                                         | 7.3                                    |                 |                       |
| 374                                             | 56                                             | 3.99                  | 3280                                                         | 1.55                                   | RX 67<br>RXF 67 | 4                     |
| 441                                             | 48                                             | 3.20                  | 3130                                                         | 2.1                                    |                 |                       |
| 488                                             | 43                                             | 2.89                  | 3050                                                         | 2.5                                    |                 |                       |
| 555                                             | 38                                             | 2.54                  | 2940                                                         | 3.1                                    |                 |                       |
| 588                                             | 36                                             | 2.40                  | 2890                                                         | 3.4                                    |                 |                       |
| 690                                             | 30                                             | 2.04                  | 2760                                                         | 4.4                                    |                 |                       |
| 759                                             | 28                                             | 1.86                  | 2680                                                         | 4.6                                    |                 |                       |
| 876                                             | 24                                             | 1.61                  | 2570                                                         | 4.8                                    |                 |                       |
| 1005                                            | 21                                             | 1.40                  | 2460                                                         | 5.0                                    |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model |         | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|---------|-----------------------|
| 2.2kW                                           |                                                  |                       |                                                              |                                        |              |         |                       |
| 450                                             | 47                                               | 3.14                  | 2450                                                         | 1.40                                   | RX           | 57      | 4                     |
| 534                                             | 39                                               | 2.64                  | 2340                                                         | 1.75                                   |              |         |                       |
| 595                                             | 35                                               | 2.37                  | 2280                                                         | 1.95                                   |              |         |                       |
| 691                                             | 30                                               | 2.04                  | 2190                                                         | 2.3                                    |              |         |                       |
| 734                                             | 29                                               | 1.92                  | 2150                                                         | 2.4                                    |              |         |                       |
| 853                                             | 25                                               | 1.65                  | 2060                                                         | 2.8                                    |              |         |                       |
| 955                                             | 22                                               | 1.48                  | 1990                                                         | 3.1                                    |              |         |                       |
| 1080                                            | 19                                               | 1.30                  | 1930                                                         | 3.2                                    |              |         |                       |
| 3.0kW                                           |                                                  |                       |                                                              |                                        |              |         |                       |
| 1.2                                             | 20900                                            | 1123                  | 120000                                                       | 0.85                                   | R            | 167 R87 | 4                     |
| 1.4                                             | 18600                                            | 999                   | 120000                                                       | 0.95                                   |              |         |                       |
| 1.6                                             | 16000                                            | 861                   | 120000                                                       | 1.10                                   |              |         |                       |
| 1.8                                             | 14200                                            | 760                   | 120000                                                       | 1.25                                   |              |         |                       |
| 2.1                                             | 12100                                            | 656                   | 120000                                                       | 1.50                                   |              |         |                       |
| 2.8                                             | 9280                                             | 503                   | 120000                                                       | 1.95                                   |              |         |                       |
| 2.6                                             | 9880                                             | 533                   | 68000                                                        | 1.30                                   | RF           | 147 R77 | 4                     |
| 3.0                                             | 8540                                             | 462                   | 69700                                                        | 1.50                                   |              |         |                       |
| 3.3                                             | 7940                                             | 426                   | 70400                                                        | 1.65                                   |              |         |                       |
| 3.8                                             | 6860                                             | 368                   | 71500                                                        | 1.90                                   |              |         |                       |
| 4.3                                             | 6070                                             | 326                   | 72200                                                        | 2.1                                    |              |         |                       |
| 5.0                                             | 5180                                             | 280                   | 72800                                                        | 2.5                                    |              |         |                       |
| 1.6                                             | 16600                                            | 889                   | 26300                                                        | 0.80                                   | R            | 147 R77 | 4                     |
| 1.8                                             | 14700                                            | 784                   | 54500                                                        | 0.90                                   |              |         |                       |
| 2.0                                             | 13000                                            | 695                   | 62700                                                        | 1.00                                   |              |         |                       |
| 2.3                                             | 11600                                            | 619                   | 65200                                                        | 1.10                                   |              |         |                       |
| 2.6                                             | 10500                                            | 558                   | 67100                                                        | 1.25                                   |              |         |                       |
| 2.8                                             | 9160                                             | 490                   | 48800                                                        | 0.85                                   | RF           | 137 R77 | 4                     |
| 3.3                                             | 7990                                             | 428                   | 53400                                                        | 1.00                                   |              |         |                       |
| 3.7                                             | 7150                                             | 381                   | 55100                                                        | 1.10                                   |              |         |                       |
| 4.3                                             | 6070                                             | 323                   | 56900                                                        | 1.30                                   |              |         |                       |
| 4.8                                             | 5460                                             | 291                   | 57800                                                        | 1.45                                   |              |         |                       |
| 5.5                                             | 4770                                             | 255                   | 58700                                                        | 1.70                                   |              |         |                       |
| 6.3                                             | 4180                                             | 223                   | 59300                                                        | 1.90                                   |              |         |                       |
| 2.7                                             | 9870                                             | 517                   | 36800                                                        | 0.80                                   | R            | 137 R77 | 4                     |
| 3.1                                             | 8650                                             | 453                   | 51200                                                        | 0.95                                   |              |         |                       |
| 5.5                                             | 4730                                             | 253                   | 25800                                                        | 0.90                                   | R            | 107 R77 | 4                     |
| 6.5                                             | 4010                                             | 214                   | 31000                                                        | 1.05                                   |              |         |                       |
| 7.5                                             | 3500                                             | 187                   | 33200                                                        | 1.25                                   |              |         |                       |
| 5.5                                             | 4870                                             | 256                   | 20200                                                        | 0.90                                   | R            | 107 R77 | 8                     |
|                                                 |                                                  |                       |                                                              |                                        | RF           | 107 R77 | 8                     |
| 3.2                                             | 8860                                             | 222.60                | 50300                                                        | 0.90                                   | R            | 137     | 8                     |
| 3.8                                             | 7500                                             | 188.45                | 54400                                                        | 1.05                                   |              |         |                       |
| 4.1                                             | 6940                                             | 174.40                | 55500                                                        | 1.15                                   |              |         |                       |
| 4.6                                             | 6220                                             | 156.31                | 56700                                                        | 1.30                                   |              |         |                       |
| 5.4                                             | 5620                                             | 141.12                | 57600                                                        | 1.40                                   |              |         |                       |
| 5.6                                             | 5100                                             | 128.18                | 58300                                                        | 1.55                                   | RF           | 137     | 8                     |
| 6.3                                             | 4520                                             | 113.72                | 59000                                                        | 1.75                                   |              |         |                       |
| 7.0                                             | 4110                                             | 103.20                | 59400                                                        | 1.95                                   |              |         |                       |
| 8.1                                             | 3530                                             | 88.70                 | 59900                                                        | 2.3                                    |              |         |                       |
|                                                 |                                                  |                       |                                                              |                                        |              |         |                       |
| 4.2                                             | 6780                                             | 222.60                | 55800                                                        | 1.20                                   | R            | 137     | 8                     |
| 5.0                                             | 5740                                             | 188.45                | 57400                                                        | 1.40                                   |              |         |                       |
| 5.4                                             | 5320                                             | 174.40                | 58000                                                        | 1.50                                   |              |         |                       |
| 6.0                                             | 4760                                             | 156.31                | 58700                                                        | 1.70                                   |              |         |                       |
| 6.7                                             | 4300                                             | 141.12                | 59200                                                        | 1.85                                   |              |         |                       |
| 7.3                                             | 3910                                             | 128.18                | 59600                                                        | 2.0                                    | R            | 137     | 6                     |
| 8.3                                             | 3470                                             | 113.75                | 60000                                                        | 2.3                                    |              |         |                       |
| 9.1                                             | 3150                                             | 103.20                | 60200                                                        | 2.5                                    |              |         |                       |
| 5.9                                             | 4840                                             | 158.68                | 21600                                                        | 0.90                                   | R            | 107     | 6                     |
| 6.6                                             | 4320                                             | 141.83                | 29300                                                        | 1.00                                   |              |         |                       |
| 7.4                                             | 3890                                             | 127.68                | 31500                                                        | 1.10                                   |              |         |                       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>a</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>Ra</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>s</sub> | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------|--------------|-----------------------|
| 3.0KW                                                    |                                                         |                       |                                                                     |                                                 |              |                       |
| 6.1                                                      | 4710                                                    | 229.95                | 26500                                                               | 0.90                                            | R<br>RF      | 107<br>107            |
| 6.9                                                      | 4160                                                    | 203.16                | 30200                                                               | 1.05                                            |              |                       |
| 8.1                                                      | 3530                                                    | 172.34                | 33100                                                               | 1.20                                            |              |                       |
| 8.8                                                      | 3250                                                    | 158.68                | 34100                                                               | 1.30                                            |              |                       |
| 9.9                                                      | 2900                                                    | 141.83                | 35300                                                               | 1.50                                            |              |                       |
| 11                                                       | 2610                                                    | 127.68                | 36000                                                               | 1.65                                            |              |                       |
| 12                                                       | 2370                                                    | 115.63                | 36300                                                               | 1.80                                            |              |                       |
| 14                                                       | 2100                                                    | 102.53                | 36700                                                               | 2.0                                             |              |                       |
| 15                                                       | 1900                                                    | 92.70                 | 36900                                                               | 2.3                                             |              |                       |
| 18                                                       | 1610                                                    | 78.57                 | 35900                                                               | 2.7                                             |              |                       |
| 19                                                       | 1490                                                    | 72.88                 | 35200                                                               | 2.9                                             |              |                       |
| 9.3                                                      | 3090                                                    | 150.78                | 16200                                                               | 0.95                                            | R<br>RF      | 97<br>97              |
| 11                                                       | 2590                                                    | 126.75                | 23600                                                               | 1.15                                            |              |                       |
| 12                                                       | 2380                                                    | 116.48                | 24700                                                               | 1.25                                            |              |                       |
| 14                                                       | 2120                                                    | 103.44                | 25900                                                               | 1.40                                            |              |                       |
| 15                                                       | 1890                                                    | 92.48                 | 26800                                                               | 1.60                                            |              |                       |
| 17                                                       | 1700                                                    | 83.15                 | 27300                                                               | 1.75                                            |              |                       |
| 19                                                       | 1480                                                    | 72.17                 | 27700                                                               | 2.0                                             |              |                       |
| 21                                                       | 1330                                                    | 65.21                 | 27000                                                               | 2.2                                             |              |                       |
| 23                                                       | 1230                                                    | 59.92                 | 26400                                                               | 2.5                                             |              |                       |
| 26                                                       | 1090                                                    | 53.21                 | 25600                                                               | 2.8                                             |              |                       |
| 29                                                       | 970                                                     | 47.58                 | 24800                                                               | 3.1                                             |              |                       |
| 33                                                       | 880                                                     | 42.78                 | 24000                                                               | 3.4                                             |              |                       |
| 38                                                       | 760                                                     | 37.13                 | 23100                                                               | 4.0                                             |              |                       |
| 42                                                       | 680                                                     | 33.25                 | 22400                                                               | 4.2                                             |              |                       |
| 15                                                       | 1910                                                    | 93.38                 | 3630                                                                | 0.80                                            | R<br>RF      | 87<br>87              |
| 17                                                       | 1680                                                    | 81.92                 | 16000                                                               | 0.90                                            |              |                       |
| 19                                                       | 1490                                                    | 72.57                 | 17400                                                               | 1.05                                            |              |                       |
| 22                                                       | 1300                                                    | 63.68                 | 18400                                                               | 1.20                                            |              |                       |
| 23                                                       | 1230                                                    | 60.35                 | 18800                                                               | 1.25                                            | R<br>RF      | 87<br>87              |
| 27                                                       | 1080                                                    | 52.82                 | 19500                                                               | 1.45                                            |              |                       |
| 29                                                       | 970                                                     | 47.58                 | 19900                                                               | 1.60                                            |              |                       |
| 34                                                       | 850                                                     | 41.74                 | 19400                                                               | 1.80                                            |              |                       |
| 38                                                       | 755                                                     | 36.84                 | 18700                                                               | 2.1                                             |              |                       |
| 43                                                       | 670                                                     | 32.66                 | 18100                                                               | 2.3                                             |              |                       |
| 50                                                       | 570                                                     | 27.88                 | 17400                                                               | 2.6                                             |              |                       |
| 41                                                       | 705                                                     | 34.40                 | 18400                                                               | 2.1                                             | R<br>RF      | 87<br>87              |
| 45                                                       | 640                                                     | 31.40                 | 17900                                                               | 2.4                                             |              |                       |
| 50                                                       | 570                                                     | 27.84                 | 17400                                                               | 2.7                                             |              |                       |
| 60                                                       | 480                                                     | 23.40                 | 16500                                                               | 3.2                                             |              |                       |
| 65                                                       | 440                                                     | 21.51                 | 16100                                                               | 3.4                                             |              |                       |
| 73                                                       | 390                                                     | 19.10                 | 15600                                                               | 3.7                                             |              |                       |
| 82                                                       | 350                                                     | 17.08                 | 15100                                                               | 4.0                                             |              |                       |
| 91                                                       | 315                                                     | 15.35                 | 14600                                                               | 4.3                                             |              |                       |
| 31                                                       | 940                                                     | 45.81                 | 8670                                                                | 0.85                                            | R<br>RF      | 77<br>77              |
| 32                                                       | 890                                                     | 43.26                 | 9270                                                                | 0.95                                            |              |                       |
| 38                                                       | 755                                                     | 36.83                 | 10500                                                               | 1.10                                            |              |                       |
| 42                                                       | 685                                                     | 33.47                 | 11000                                                               | 1.20                                            |              |                       |
| 48                                                       | 595                                                     | 29.00                 | 11600                                                               | 1.40                                            |              |                       |
| 55                                                       | 515                                                     | 25.23                 | 11300                                                               | 1.50                                            | R<br>RF      | 77<br>77              |
| 60                                                       | 480                                                     | 23.37                 | 11100                                                               | 1.70                                            |              |                       |
| 65                                                       | 440                                                     | 21.43                 | 10800                                                               | 1.85                                            |              |                       |
| 74                                                       | 385                                                     | 18.80                 | 10500                                                               | 2.0                                             |              |                       |
| 79                                                       | 365                                                     | 17.82                 | 10300                                                               | 2.1                                             |              |                       |
| 90                                                       | 320                                                     | 15.60                 | 9980                                                                | 2.3                                             |              |                       |
| 100                                                      | 290                                                     | 14.05                 | 9700                                                                | 2.5                                             |              |                       |
| 114                                                      | 250                                                     | 12.33                 | 9350                                                                | 2.7                                             |              |                       |
| 129                                                      | 225                                                     | 10.88                 | 9090                                                                | 3.0                                             |              |                       |
| 145                                                      | 197                                                     | 9.64                  | 8720                                                                | 3.2                                             |              |                       |
| 163                                                      | 176                                                     | 8.59                  | 8500                                                                | 3.6                                             |              |                       |
| 181                                                      | 158                                                     | 7.74                  | 8240                                                                | 3.8                                             |              |                       |
| 206                                                      | 139                                                     | 6.79                  | 7920                                                                | 4.2                                             |              |                       |
| 3.0KW                                                    |                                                         |                       |                                                                     |                                                 |              |                       |
| 60                                                       | 480                                                     | 23.44                 | 8730                                                                | 1.15                                            | R<br>RF      | 67<br>67              |
| 70                                                       | 405                                                     | 19.89                 | 8420                                                                | 1.45                                            |              |                       |
| 78                                                       | 365                                                     | 17.95                 | 8230                                                                | 1.60                                            |              |                       |
| 89                                                       | 325                                                     | 15.79                 | 7980                                                                | 1.75                                            |              |                       |
| 94                                                       | 305                                                     | 14.91                 | 7860                                                                | 1.80                                            |              |                       |
| 110                                                      | 260                                                     | 12.70                 | 7550                                                                | 2.0                                             |              |                       |
| 121                                                      | 235                                                     | 11.54                 | 7360                                                                | 2.1                                             |              |                       |
| 140                                                      | 205                                                     | 10.00                 | 7090                                                                | 2.3                                             |              |                       |
| 52                                                       | 550                                                     | 26.97                 | 4330                                                                | 0.80                                            |              |                       |
| 64                                                       | 450                                                     | 21.93                 | 4380                                                                | 1.00                                            | R<br>RF      | 57<br>57              |
| 75                                                       | 380                                                     | 18.60                 | 4300                                                                | 1.20                                            |              |                       |
| 83                                                       | 345                                                     | 16.79                 | 4250                                                                | 1.30                                            |              |                       |
| 95                                                       | 300                                                     | 14.77                 | 4160                                                                | 1.45                                            | R<br>RF      | 57<br>57              |
| 100                                                      | 285                                                     | 13.95                 | 4130                                                                | 1.50                                            |              |                       |
| 118                                                      | 245                                                     | 11.88                 | 4010                                                                | 1.65                                            |              |                       |
| 130                                                      | 220                                                     | 10.79                 | 3940                                                                | 1.75                                            |              |                       |
| 150                                                      | 191                                                     | 9.35                  | 3820                                                                | 1.95                                            |              |                       |
| 155                                                      | 185                                                     | 9.06                  | 3810                                                                | 2.0                                             |              |                       |
| 176                                                      | 163                                                     | 7.97                  | 3700                                                                | 2.2                                             |              |                       |
| 186                                                      | 154                                                     | 7.53                  | 3650                                                                | 2.3                                             |              |                       |
| 218                                                      | 131                                                     | 6.41                  | 3520                                                                | 2.6                                             |              |                       |
| 240                                                      | 119                                                     | 5.82                  | 3430                                                                | 2.7                                             |              |                       |
| 277                                                      | 103                                                     | 5.05                  | 3310                                                                | 3.0                                             | R<br>RF      | 57<br>57              |
| 319                                                      | 90                                                      | 4.39                  | 3190                                                                | 3.1                                             |              |                       |
| 128                                                      | 225                                                     | 21.93                 | 3950                                                                | 2.0                                             |              |                       |
| 151                                                      | 190                                                     | 18.60                 | 3820                                                                | 2.4                                             |              |                       |
| 167                                                      | 170                                                     | 16.79                 | 3730                                                                | 2.6                                             |              |                       |
| 190                                                      | 151                                                     | 14.77                 | 3620                                                                | 2.9                                             | R<br>RF      | 47<br>47              |
| 201                                                      | 143                                                     | 13.95                 | 3570                                                                | 3.0                                             |              |                       |
| 236                                                      | 122                                                     | 11.88                 | 3440                                                                | 3.3                                             |              |                       |
| 259                                                      | 110                                                     | 10.79                 | 3360                                                                | 3.5                                             |              |                       |
| 86                                                       | 330                                                     | 16.22                 | 2030                                                                | 0.85                                            | R<br>RF      | 47<br>47              |
| 96                                                       | 300                                                     | 14.56                 | 2500                                                                | 0.90                                            |              |                       |
| 112                                                      | 255                                                     | 12.54                 | 3040                                                                | 0.95                                            |              |                       |
| 119                                                      | 240                                                     | 11.79                 | 3040                                                                | 1.00                                            | R<br>RF      | 47<br>47              |
| 138                                                      | 210                                                     | 10.15                 | 2970                                                                | 1.10                                            |              |                       |
| 154                                                      | 186                                                     | 9.07                  | 2910                                                                | 1.20                                            |              |                       |
| 175                                                      | 164                                                     | 8.01                  | 2840                                                                | 1.25                                            |              |                       |
| 181                                                      | 159                                                     | 7.76                  | 2740                                                                | 1.05                                            |              |                       |
| 201                                                      | 143                                                     | 6.96                  | 2680                                                                | 1.10                                            |              |                       |
| 233                                                      | 123                                                     | 6.00                  | 2610                                                                | 1.25                                            |              |                       |
| 248                                                      | 115                                                     | 5.64                  | 2580                                                                | 1.35                                            |              |                       |
| 288                                                      | 99                                                      | 4.85                  | 2490                                                                | 1.50                                            |              |                       |
| 323                                                      | 89                                                      | 4.34                  | 2430                                                                | 1.65                                            |              |                       |
| 365                                                      | 78                                                      | 3.83                  | 2360                                                                | 1.85                                            | R<br>RF      | 47<br>47              |
| 237                                                      | 121                                                     | 11.79                 | 2670                                                                | 2.0                                             |              |                       |
| 270                                                      | 104                                                     | 10.15                 | 2580                                                                | 2.2                                             |              |                       |
| 309                                                      | 93                                                      | 9.07                  | 2510                                                                | 2.4                                             |              |                       |
| 349                                                      | 82                                                      | 8.01                  | 2430                                                                | 2.5                                             |              |                       |
| 361                                                      | 79                                                      | 7.76                  | 2370                                                                | 2.1                                             |              |                       |
| 402                                                      | 71                                                      | 6.96                  | 2310                                                                | 2.2                                             |              |                       |
| 467                                                      | 61                                                      | 6.00                  | 2220                                                                | 2.5                                             |              |                       |
| 496                                                      | 58                                                      | 5.64                  | 2190                                                                | 2.7                                             |              |                       |
| 577                                                      | 50                                                      | 4.85                  | 2100                                                                | 3.0                                             |              |                       |
| 646                                                      | 44                                                      | 4.34                  | 2040                                                                | 3.3                                             | R<br>RF      | 37<br>37              |
| 731                                                      | 39                                                      | 3.83                  | 1970                                                                | 3.7                                             |              |                       |
| 139                                                      | 205                                                     | 10.11                 | 780                                                                 | 0.80                                            |              |                       |
| 148                                                      | 194                                                     | 9.47                  | 1010                                                                | 0.85                                            | R<br>RF      | 37<br>37              |
| 176                                                      | 163                                                     | 7.97                  | 1510                                                                | 0.95                                            |              |                       |
| 210                                                      | 137                                                     | 6.67                  | 1250                                                                | 1.05                                            |              |                       |
| 247                                                      | 116                                                     | 5.67                  | 1630                                                                | 1.25                                            | R<br>RF      | 37<br>37              |
| 277                                                      | 104                                                     | 5.06                  | 1830                                                                | 1.30                                            |              |                       |
| 324                                                      | 88                                                      | 4.32                  | 2070                                                                | 1.45                                            |              |                       |
| 346                                                      | 83                                                      | 4.05                  | 2140                                                                | 1.45                                            |              |                       |
| 411                                                      | 70                                                      | 3.41                  | 2180                                                                | 1.60                                            |              |                       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>a</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>ra</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>a</sub> | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------|-----------------|-----------------------|
| 3.0KW                                                    |                                                         |                       |                                                                     |                                                 |                 |                       |
| 277                                                      | 103                                                     | 10.11                 | 2340                                                                | 1.65                                            | R 37<br>RF 37   | 2                     |
| 296                                                      | 97                                                      | 9.47                  | 2380                                                                | 1.70                                            |                 |                       |
| 351                                                      | 82                                                      | 7.97                  | 2290                                                                | 1.90                                            |                 |                       |
| 420                                                      | 68                                                      | 6.67                  | 2170                                                                | 2.1                                             |                 |                       |
| 494                                                      | 58                                                      | 5.67                  | 2090                                                                | 2.5                                             |                 |                       |
| 553                                                      | 52                                                      | 5.06                  | 2030                                                                | 2.6                                             |                 |                       |
| 648                                                      | 44                                                      | 4.32                  | 1950                                                                | 2.8                                             |                 |                       |
| 692                                                      | 41                                                      | 4.05                  | 1920                                                                | 3.0                                             |                 |                       |
| 821                                                      | 35                                                      | 3.41                  | 1840                                                                | 3.2                                             |                 |                       |
| 250                                                      | 115                                                     | 5.60                  | 360                                                                 | 0.85                                            | R 27<br>RF 27   | 4                     |
| 280                                                      | 102                                                     | 5.00                  | 615                                                                 | 0.95                                            |                 |                       |
| 328                                                      | 87                                                      | 4.27                  | 910                                                                 | 1.00                                            |                 |                       |
| 350                                                      | 82                                                      | 4.00                  | 1010                                                                | 1.05                                            |                 |                       |
| 415                                                      | 69                                                      | 3.37                  | 1230                                                                | 1.15                                            |                 |                       |
| 425                                                      | 67                                                      | 6.59                  | 1260                                                                | 1.55                                            | R 27<br>RF 27   | 2                     |
| 500                                                      | 57                                                      | 5.60                  | 1330                                                                | 1.75                                            |                 |                       |
| 560                                                      | 51                                                      | 5.00                  | 1300                                                                | 1.85                                            |                 |                       |
| 656                                                      | 44                                                      | 4.27                  | 1260                                                                | 2.0                                             |                 |                       |
| 700                                                      | 41                                                      | 4.00                  | 1240                                                                | 2.1                                             |                 |                       |
| 831                                                      | 35                                                      | 3.37                  | 1200                                                                | 2.3                                             |                 |                       |
| 217                                                      | 132                                                     | 6.45                  | 7130                                                                | 1.45                                            | RX 87<br>RXF 87 | 4                     |
| 252                                                      | 114                                                     | 5.56                  | 6830                                                                | 2.0                                             |                 |                       |
| 276                                                      | 104                                                     | 5.07                  | 6650                                                                | 2.4                                             |                 |                       |
| 311                                                      | 92                                                      | 4.50                  | 6430                                                                | 3.2                                             |                 |                       |
| 370                                                      | 77                                                      | 3.78                  | 6100                                                                | 3.9                                             |                 |                       |
| 296                                                      | 97                                                      | 4.73                  | 5050                                                                | 1.25                                            | RX 77<br>RXF 77 | 4                     |
| 347                                                      | 83                                                      | 4.04                  | 4830                                                                | 1.75                                            |                 |                       |
| 378                                                      | 76                                                      | 3.70                  | 4720                                                                | 2.0                                             |                 |                       |
| 431                                                      | 67                                                      | 3.25                  | 4550                                                                | 2.7                                             |                 |                       |
| 455                                                      | 63                                                      | 3.08                  | 4480                                                                | 3.1                                             |                 |                       |
| 371                                                      | 77                                                      | 3.77                  | 3150                                                                | 1.15                                            | RX 67<br>RXF 67 | 4                     |
| 438                                                      | 66                                                      | 3.20                  | 3030                                                                | 1.55                                            |                 |                       |
| 485                                                      | 59                                                      | 2.89                  | 2950                                                                | 1.80                                            |                 |                       |
| 551                                                      | 52                                                      | 2.54                  | 2850                                                                | 2.3                                             |                 |                       |
| 583                                                      | 49                                                      | 2.40                  | 2810                                                                | 2.5                                             |                 |                       |
| 685                                                      | 42                                                      | 2.04                  | 2690                                                                | 3.2                                             |                 |                       |
| 754                                                      | 38                                                      | 1.86                  | 2610                                                                | 3.3                                             |                 |                       |
| 870                                                      | 33                                                      | 1.61                  | 2510                                                                | 3.5                                             |                 |                       |
| 1000                                                     | 29                                                      | 1.40                  | 2410                                                                | 3.6                                             |                 |                       |
| 446                                                      | 64                                                      | 3.14                  | 2330                                                                | 1.00                                            | RX 57<br>RXF 57 | 4                     |
| 530                                                      | 54                                                      | 2.64                  | 2240                                                                | 1.30                                            |                 |                       |
| 591                                                      | 49                                                      | 2.37                  | 2180                                                                | 1.40                                            |                 |                       |
| 686                                                      | 42                                                      | 2.04                  | 2100                                                                | 1.65                                            |                 |                       |
| 729                                                      | 39                                                      | 1.92                  | 2070                                                                | 1.75                                            |                 |                       |
| 847                                                      | 34                                                      | 1.65                  | 1990                                                                | 2.0                                             |                 |                       |
| 948                                                      | 30                                                      | 1.48                  | 1930                                                                | 2.2                                             |                 |                       |
| 1075                                                     | 27                                                      | 1.30                  | 1870                                                                | 2.4                                             |                 |                       |
| 4.0KW                                                    |                                                         |                       |                                                                     |                                                 |                 |                       |
| 1.6                                                      | 21200                                                   | 861                   | 12000                                                               | 0.85                                            | R 167<br>RF 167 | R97 4<br>R97 4        |
| 1.9                                                      | 18700                                                   | 760                   | 12000                                                               | 0.95                                            |                 |                       |
| 2.2                                                      | 16000                                                   | 656                   | 12000                                                               | 1.10                                            |                 |                       |
| 2.8                                                      | 12300                                                   | 503                   | 12000                                                               | 1.45                                            |                 |                       |
| 3.8                                                      | 9190                                                    | 376                   | 12000                                                               | 1.95                                            |                 |                       |
| 4.2                                                      | 8180                                                    | 335                   | 12000                                                               | 2.2                                             |                 |                       |
| 2.7                                                      | 13100                                                   | 533                   | 62500                                                               | 1.00                                            | R 147<br>RF 147 | R87 4<br>R87 4        |
| 3.1                                                      | 11300                                                   | 462                   | 65800                                                               | 1.15                                            |                 |                       |
| 3.3                                                      | 10500                                                   | 426                   | 67100                                                               | 1.25                                            |                 |                       |
| 3.8                                                      | 9060                                                    | 368                   | 69100                                                               | 1.45                                            |                 |                       |
| 4.4                                                      | 8010                                                    | 326                   | 70300                                                               | 1.60                                            |                 |                       |
| 5.1                                                      | 6850                                                    | 280                   | 71500                                                               | 1.90                                            |                 |                       |
| 5.7                                                      | 6050                                                    | 247                   | 72200                                                               | 2.2                                             |                 |                       |
| 6.7                                                      | 5220                                                    | 214                   | 72800                                                               | 2.5                                             |                 |                       |
| 7.5                                                      | 4620                                                    | 189                   | 73200                                                               | 2.8                                             |                 |                       |
| 8.9                                                      | 3880                                                    | 159                   | 73600                                                               | 3.3                                             |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>a</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>a</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>ra</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>a</sub> | 机型号<br>Model                | 电机<br>极数<br>Pole<br>P |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------|-----------------------------|-----------------------|
| <b>4.0KW</b>                                             |                                                         |                       |                                                                     |                                                 |                             |                       |
| 2.3                                                      | 15300                                                   | 619                   | 46300                                                               | 0.85                                            | R 147 R77 4<br>RF 147 R77 4 | 4                     |
| 2.5                                                      | 13800                                                   | 558                   | 61000                                                               | 0.95                                            |                             |                       |
| 2.9                                                      | 12100                                                   | 489                   | 64400                                                               | 1.10                                            |                             |                       |
| 3.4                                                      | 10200                                                   | 415                   | 67400                                                               | 1.25                                            |                             |                       |
| 3.7                                                      | 9430                                                    | 381                   | 45400                                                               | 0.85                                            | R 137 R77 4<br>RF 137 R77 4 | 4                     |
| 4.4                                                      | 8000                                                    | 323                   | 53400                                                               | 1.00                                            |                             |                       |
| 4.9                                                      | 7200                                                    | 291                   | 55000                                                               | 1.10                                            |                             |                       |
| 5.6                                                      | 6290                                                    | 255                   | 56600                                                               | 1.25                                            |                             |                       |
| 6.3                                                      | 5520                                                    | 223                   | 57700                                                               | 1.45                                            |                             |                       |
| 3.8                                                      | 9440                                                    | 376                   | 45200                                                               | 0.85                                            | R 137 R77 4<br>RF 137 R77 4 | 4                     |
| 4.2                                                      | 8500                                                    | 339                   | 51800                                                               | 0.95                                            |                             |                       |
| 4.8                                                      | 7450                                                    | 297                   | 54500                                                               | 1.05                                            |                             |                       |
| 7.6                                                      | 4620                                                    | 187                   | 27600                                                               | 0.95                                            | R 107 R77 4<br>RF 107 R77 4 | 4                     |
| 7.3                                                      | 4840                                                    | 193                   | 21400                                                               | 0.90                                            | R 107 R77 4<br>RF 107 R77 4 | 4                     |
| 8.2                                                      | 4330                                                    | 172                   | 29300                                                               | 1.00                                            |                             |                       |
| 4.4                                                      | 8660                                                    | 163.31                | 69500                                                               | 1.5                                             | R 147 8<br>RF 147 8         | 8                     |
| 4.9                                                      | 7790                                                    | 146.91                | 70500                                                               | 1.65                                            |                             |                       |
| 6.0                                                      | 6360                                                    | 119.86                | 71900                                                               | 2.0                                             |                             |                       |
| 6.6                                                      | 5800                                                    | 109.31                | 72400                                                               | 2.2                                             | R 137 8<br>RF 137 8         | 8                     |
| 4.1                                                      | 9250                                                    | 174.40                | 48400                                                               | 0.85                                            |                             |                       |
| 4.6                                                      | 8290                                                    | 156.31                | 52700                                                               | 0.95                                            |                             |                       |
| 5.1                                                      | 7490                                                    | 141.12                | 54400                                                               | 1.05                                            |                             |                       |
| 536                                                      | 6800                                                    | 128.18                | 55700                                                               | 1.20                                            |                             |                       |
| 6.3                                                      | 6030                                                    | 113.72                | 57000                                                               | 1.35                                            | R 137 6<br>RF 137 6         | 6                     |
| 7.0                                                      | 5470                                                    | 103.20                | 57800                                                               | 1.45                                            |                             |                       |
| 4.3                                                      | 8860                                                    | 222.60                | 50300                                                               | 0.90                                            |                             |                       |
| 5.1                                                      | 7500                                                    | 188.45                | 54400                                                               | 1.05                                            |                             |                       |
| 5.5                                                      | 6940                                                    | 174.40                | 55500                                                               | 1.15                                            |                             |                       |
| 6.1                                                      | 6220                                                    | 156.31                | 56700                                                               | 1.30                                            | R 137 6<br>RF 137 6         | 6                     |
| 6.8                                                      | 5620                                                    | 141.12                | 57600                                                               | 1.40                                            |                             |                       |
| 7.5                                                      | 5100                                                    | 128.18                | 58300                                                               | 1.55                                            |                             |                       |
| 8.4                                                      | 4520                                                    | 113.72                | 59000                                                               | 1.75                                            |                             |                       |
| 9.3                                                      | 4110                                                    | 103.20                | 59400                                                               | 1.95                                            |                             |                       |
| 11                                                       | 3530                                                    | 88.70                 | 59900                                                               | 2.3                                             | R 107 4<br>RF 107 4         | 4                     |
| 8.2                                                      | 4640                                                    | 172.34                | 27500                                                               | 0.95                                            |                             |                       |
| 8.9                                                      | 4270                                                    | 158.68                | 29600                                                               | 1.05                                            |                             |                       |
| 10                                                       | 3820                                                    | 141.83                | 31900                                                               | 1.15                                            |                             |                       |
| 11                                                       | 3430                                                    | 127.68                | 33400                                                               | 1.25                                            |                             |                       |
| 12                                                       | 3110                                                    | 115.63                | 34600                                                               | 1.40                                            |                             |                       |
| 14                                                       | 2760                                                    | 102.53                | 35700                                                               | 1.55                                            |                             |                       |
| 15                                                       | 2490                                                    | 92.70                 | 36200                                                               | 1.70                                            |                             |                       |
| 18                                                       | 2110                                                    | 78.57                 | 34900                                                               | 2.0                                             |                             |                       |
| 19                                                       | 1960                                                    | 72.88                 | 34200                                                               | 2.2                                             |                             |                       |
| 22                                                       | 1760                                                    | 65.60                 | 33200                                                               | 2.4                                             |                             |                       |
| 24                                                       | 1600                                                    | 59.41                 | 32300                                                               | 2.7                                             | R 97 4<br>RF 97 4           | 4                     |
| 27                                                       | 1420                                                    | 52.68                 | 31300                                                               | 3.0                                             |                             |                       |
| 12                                                       | 3130                                                    | 116.48                | 13800                                                               | 0.95                                            |                             |                       |
| 14                                                       | 2780                                                    | 103.44                | 22400                                                               | 1.10                                            |                             |                       |
| 15                                                       | 2490                                                    | 92.48                 | 24100                                                               | 1.20                                            |                             |                       |
| 17                                                       | 2240                                                    | 83.15                 | 25400                                                               | 1.35                                            |                             |                       |
| 20                                                       | 1940                                                    | 72.17                 | 26600                                                               | 1.55                                            |                             |                       |
| 22                                                       | 1750                                                    | 65.21                 | 26000                                                               | 1.70                                            |                             |                       |
| 24                                                       | 1610                                                    | 59.92                 | 25500                                                               | 1.85                                            |                             |                       |
| 27                                                       | 1430                                                    | 53.21                 | 24700                                                               | 2.1                                             |                             |                       |
| 30                                                       | 1280                                                    | 47.58                 | 24000                                                               | 2.3                                             | R 97 4<br>RF 97 4           | 4                     |
| 33                                                       | 1150                                                    | 42.78                 | 23400                                                               | 2.6                                             |                             |                       |
| 38                                                       | 1000                                                    | 37.13                 | 22500                                                               | 3.0                                             |                             |                       |
| 43                                                       | 890                                                     | 33.25                 | 21800                                                               | 3.2                                             |                             |                       |
| 44                                                       | 860                                                     | 32.05                 | 21600                                                               | 3.0                                             |                             |                       |
| 52                                                       | 730                                                     | 27.19                 | 20600                                                               | 3.5                                             |                             |                       |
| 57                                                       | 675                                                     | 25.03                 | 20100                                                               | 4.2                                             | R 97 4<br>RF 97 4           | 4                     |
| 63                                                       | 600                                                     | 22.37                 | 19500                                                               | 4.5                                             |                             |                       |
| 71                                                       | 540                                                     | 20.14                 | 18900                                                               | 4.8                                             |                             |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|---------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>4.0kw</b>                                    |                                                  |                     |                                                              |                                        |              |                       |
| 22                                              | 1710                                             | 63.68               | 13300                                                        | 0.90                                   | R 87         | 4                     |
| 24                                              | 1620                                             | 60.35               | 13900                                                        | 0.95                                   | RF 87        | 4                     |
| 27                                              | 1420                                             | 52.82               | 15200                                                        | 1.10                                   |              |                       |
| 30                                              | 1280                                             | 47.58               | 16000                                                        | 1.20                                   |              |                       |
| 34                                              | 1120                                             | 41.74               | 16800                                                        | 1.40                                   | R 87         | 4                     |
| 39                                              | 990                                              | 36.84               | 17400                                                        | 1.55                                   | RF 87        | 4                     |
| 43                                              | 880                                              | 32.66               | 17500                                                        | 1.75                                   |              |                       |
| 51                                              | 750                                              | 27.88               | 16800                                                        | 2.0                                    |              |                       |
| 41                                              | 930                                              | 34.40               | 17600                                                        | 1.60                                   |              |                       |
| 45                                              | 840                                              | 31.40               | 17400                                                        | 1.85                                   |              |                       |
| 51                                              | 750                                              | 27.84               | 16800                                                        | 2.1                                    |              |                       |
| 61                                              | 630                                              | 23.40               | 16100                                                        | 2.5                                    |              |                       |
| 66                                              | 580                                              | 21.51               | 15700                                                        | 2.6                                    | R 87         | 4                     |
| 74                                              | 515                                              | 19.10               | 15200                                                        | 2.8                                    | RF 87        | 4                     |
| 83                                              | 460                                              | 17.08               | 14700                                                        | 3.0                                    |              |                       |
| 92                                              | 415                                              | 15.35               | 14300                                                        | 3.2                                    |              |                       |
| 107                                             | 360                                              | 13.33               | 13700                                                        | 3.6                                    |              |                       |
| 119                                             | 320                                              | 11.93               | 13300                                                        | 3.8                                    |              |                       |
| 39                                              | 990                                              | 36.83               | 4070                                                         | 0.85                                   |              |                       |
| 42                                              | 900                                              | 33.47               | 9100                                                         | 0.90                                   | R 77         | 4                     |
| 49                                              | 780                                              | 29.00               | 10300                                                        | 1.05                                   | RF 77        | 4                     |
| 56                                              | 680                                              | 25.23               | 10800                                                        | 1.15                                   |              |                       |
| 61                                              | 630                                              | 23.37               | 10600                                                        | 1.30                                   |              |                       |
| 66                                              | 575                                              | 21.43               | 10400                                                        | 1.40                                   |              |                       |
| 76                                              | 505                                              | 18.80               | 10100                                                        | 1.55                                   |              |                       |
| 80                                              | 480                                              | 17.82               | 9950                                                         | 1.65                                   |              |                       |
| 91                                              | 420                                              | 15.60               | 9630                                                         | 1.75                                   |              |                       |
| 101                                             | 380                                              | 14.05               | 9380                                                         | 1.90                                   |              |                       |
| 115                                             | 330                                              | 12.33               | 9070                                                         | 2.1                                    | R 77         | 4                     |
| 131                                             | 295                                              | 10.88               | 8780                                                         | 2.3                                    | RF 77        | 4                     |
| 147                                             | 260                                              | 9.64                | 8500                                                         | 2.4                                    |              |                       |
| 165                                             | 230                                              | 8.59                | 8320                                                         | 2.7                                    |              |                       |
| 183                                             | 210                                              | 7.74                | 8070                                                         | 2.9                                    |              |                       |
| 209                                             | 183                                              | 6.79                | 7770                                                         | 3.2                                    |              |                       |
| 237                                             | 161                                              | 5.99                | 7490                                                         | 3.3                                    |              |                       |
| 267                                             | 143                                              | 5.31                | 7230                                                         | 3.6                                    |              |                       |
| 71                                              | 535                                              | 19.89               | 7960                                                         | 1.10                                   |              |                       |
| 79                                              | 485                                              | 17.95               | 7800                                                         | 1.20                                   |              |                       |
| 90                                              | 425                                              | 15.79               | 7600                                                         | 1.30                                   |              |                       |
| 95                                              | 400                                              | 14.91               | 7510                                                         | 1.35                                   |              |                       |
| 112                                             | 340                                              | 12.70               | 7240                                                         | 1.50                                   |              |                       |
| 123                                             | 310                                              | 11.54               | 7080                                                         | 1.60                                   |              |                       |
| 142                                             | 270                                              | 10.00               | 6840                                                         | 1.75                                   | R 67         | 4                     |
| 163                                             | 235                                              | 8.70                | 6600                                                         | 1.90                                   | RF 67        | 4                     |
| 182                                             | 210                                              | 7.79                | 6440                                                         | 1.80                                   |              |                       |
| 193                                             | 198                                              | 7.36                | 6340                                                         | 1.85                                   |              |                       |
| 227                                             | 169                                              | 6.27                | 6070                                                         | 1.95                                   |              |                       |
| 249                                             | 153                                              | 5.70                | 5920                                                         | 2.0                                    |              |                       |
| 288                                             | 133                                              | 4.93                | 5680                                                         | 2.2                                    |              |                       |
| 331                                             | 116                                              | 4.29                | 5460                                                         | 2.3                                    |              |                       |
| 76                                              | 500                                              | 18.60               | 3520                                                         | 0.90                                   | R 57         | 4                     |
| 85                                              | 450                                              | 16.79               | 3830                                                         | 1.00                                   | RF 57        | 4                     |
| 96                                              | 395                                              | 14.77               | 3800                                                         | 1.10                                   |              |                       |
| 102                                             | 375                                              | 13.95               | 3780                                                         | 1.15                                   |              |                       |
| 120                                             | 320                                              | 11.88               | 3710                                                         | 1.25                                   |              |                       |
| 132                                             | 290                                              | 10.79               | 3660                                                         | 1.35                                   |              |                       |
| 152                                             | 250                                              | 9.35                | 3580                                                         | 1.45                                   |              |                       |
| 157                                             | 245                                              | 9.06                | 3590                                                         | 1.55                                   |              |                       |
| 178                                             | 215                                              | 7.97                | 3500                                                         | 1.65                                   |              |                       |
| 189                                             | 205                                              | 7.53                | 3470                                                         | 1.75                                   | R 57         | 4                     |
| 222                                             | 172                                              | 6.41                | 3350                                                         | 1.95                                   | RF 57        | 4                     |
| 244                                             | 157                                              | 5.82                | 3280                                                         | 2.0                                    |              |                       |
| 284                                             | 136                                              | 5.05                | 3180                                                         | 2.2                                    |              |                       |
| 323                                             | 118                                              | 4.39                | 3070                                                         | 2.4                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|---------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>4.0kw</b>                                    |                                                  |                     |                                                              |                                        |              |                       |
| 140                                             | 275                                              | 10.15               | 1960                                                         | 0.85                                   |              |                       |
| 157                                             | 245                                              | 9.07                | 2350                                                         | 0.90                                   |              |                       |
| 177                                             | 215                                              | 8.01                | 2640                                                         | 0.95                                   |              |                       |
| 204                                             | 187                                              | 6.96                | 2480                                                         | 0.85                                   |              |                       |
| 237                                             | 161                                              | 6.00                | 2430                                                         | 0.95                                   | R 47         | 4                     |
| 252                                             | 152                                              | 5.64                | 2410                                                         | 1.00                                   | RF 47        | 4                     |
| 293                                             | 131                                              | 4.85                | 2350                                                         | 1.15                                   |              |                       |
| 327                                             | 117                                              | 4.34                | 2300                                                         | 1.25                                   |              |                       |
| 371                                             | 103                                              | 3.83                | 2250                                                         | 1.40                                   |              |                       |
| 176                                             | 215                                              | 16.22               | 2640                                                         | 1.25                                   |              |                       |
| 196                                             | 195                                              | 14.56               | 2600                                                         | 1.35                                   |              |                       |
| 228                                             | 168                                              | 12.54               | 2540                                                         | 1.50                                   |              |                       |
| 242                                             | 158                                              | 11.79               | 2510                                                         | 1.55                                   |              |                       |
| 282                                             | 136                                              | 10.15               | 2440                                                         | 1.70                                   |              |                       |
| 315                                             | 121                                              | 9.07                | 2390                                                         | 1.80                                   |              |                       |
| 357                                             | 107                                              | 8.01                | 2320                                                         | 1.90                                   | R 47         | 4                     |
| 369                                             | 104                                              | 7.76                | 2250                                                         | 1.55                                   | RF 47        | 4                     |
| 411                                             | 93                                               | 6.96                | 2200                                                         | 1.70                                   |              |                       |
| 477                                             | 80                                               | 6.00                | 2130                                                         | 1.95                                   |              |                       |
| 507                                             | 75                                               | 5.64                | 2100                                                         | 2.1                                    |              |                       |
| 589                                             | 65                                               | 4.85                | 2020                                                         | 2.3                                    |              |                       |
| 660                                             | 58                                               | 4.34                | 1970                                                         | 2.5                                    |              |                       |
| 746                                             | 51                                               | 3.83                | 1910                                                         | 2.8                                    |              |                       |
| 255                                             | 150                                              | 5.56                | 6630                                                         | 1.50                                   |              |                       |
| 280                                             | 137                                              | 5.07                | 6470                                                         | 1.85                                   | RX 87        | 4                     |
| 316                                             | 121                                              | 4.50                | 6260                                                         | 2.4                                    | RXF 87       | 4                     |
| 375                                             | 102                                              | 3.78                | 5960                                                         | 3.0                                    |              |                       |
| 351                                             | 109                                              | 4.04                | 4670                                                         | 1.30                                   |              |                       |
| 383                                             | 100                                              | 3.70                | 4560                                                         | 1.55                                   |              |                       |
| 437                                             | 87                                               | 3.25                | 4410                                                         | 2.1                                    |              |                       |
| 461                                             | 83                                               | 3.08                | 4350                                                         | 2.3                                    |              |                       |
| 527                                             | 73                                               | 2.70                | 4190                                                         | 3.0                                    | RX 77        | 4                     |
| 585                                             | 65                                               | 2.43                | 4070                                                         | 3.3                                    | RXF 77       | 4                     |
| 667                                             | 57                                               | 2.13                | 3920                                                         | 3.5                                    |              |                       |
| 755                                             | 51                                               | 1.88                | 3780                                                         | 3.7                                    |              |                       |
| 852                                             | 45                                               | 1.67                | 3650                                                         | 3.9                                    |              |                       |
| 998                                             | 38                                               | 1.42                | 3480                                                         | 4.1                                    |              |                       |
| 444                                             | 86                                               | 3.20                | 2870                                                         | 1.15                                   |              |                       |
| 492                                             | 78                                               | 2.89                | 2810                                                         | 1.35                                   |              |                       |
| 559                                             | 68                                               | 2.54                | 2730                                                         | 1.75                                   |              |                       |
| 592                                             | 65                                               | 2.40                | 2690                                                         | 1.90                                   | RX 67        | 4                     |
| 692                                             | 55                                               | 2.04                | 2580                                                         | 2.4                                    | RXF 67       | 4                     |
| 765                                             | 50                                               | 1.86                | 2520                                                         | 2.5                                    |              |                       |
| 883                                             | 43                                               | 1.61                | 2420                                                         | 2.6                                    |              |                       |
| 1015                                            | 38                                               | 1.40                | 2330                                                         | 2.8                                    |              |                       |
| 538                                             | 71                                               | 2.64                | 1670                                                         | 0.95                                   |              |                       |
| 599                                             | 64                                               | 2.37                | 1780                                                         | 1.10                                   |              |                       |
| 696                                             | 55                                               | 2.04                | 1910                                                         | 1.25                                   |              |                       |
| 740                                             | 52                                               | 1.92                | 1940                                                         | 1.35                                   | RX 57        | 4                     |
| 859                                             | 44                                               | 1.65                | 1900                                                         | 1.55                                   | RXF 57       | 4                     |
| 962                                             | 40                                               | 1.48                | 1840                                                         | 1.70                                   |              |                       |
| 1090                                            | 35                                               | 1.30                | 1790                                                         | 1.80                                   |              |                       |
| <b>5.5KW</b>                                    |                                                  |                     |                                                              |                                        |              |                       |
| 2.2                                             | 22000                                            | 656                 | 120000                                                       | 0.80                                   |              |                       |
| 2.5                                             | 19300                                            | 579                 | 120000                                                       | 0.95                                   |              |                       |
| 2.8                                             | 16900                                            | 503                 | 120000                                                       | 1.05                                   |              |                       |
| 3.3                                             | 14400                                            | 432                 | 120000                                                       | 1.25                                   | R 167 R97    | 4                     |
| 3.8                                             | 12600                                            | 376                 | 120000                                                       | 1.45                                   | RF167 R97    | 4                     |
| 4.3                                             | 11200                                            | 335                 | 120000                                                       | 1.60                                   |              |                       |
| 4.7                                             | 10100                                            | 303                 | 120000                                                       | 1.80                                   |              |                       |
| 5.1                                             | 9310                                             | 279                 | 120000                                                       | 1.95                                   |              |                       |
| 3.1                                             | 15500                                            | 462                 | 43700                                                        | 0.85                                   |              |                       |
| 3.3                                             | 14400                                            | 426                 | 57800                                                        | 0.9                                    |              |                       |
| 3.9                                             | 12400                                            | 368                 | 63800                                                        | 1.05                                   |              |                       |
| 4.4                                             | 11000                                            | 326                 | 66300                                                        | 1.2                                    | R 147 R87    | 4                     |
| 5.1                                             | 9400                                             | 280                 | 68600                                                        | 1.4                                    | RF147 R87    | 4                     |
| 5.8                                             | 8300                                             | 247                 | 70000                                                        | 1.55                                   |              |                       |
| 6.7                                             | 71700                                            | 214                 | 71200                                                        | 1.8                                    |              |                       |
| 7.6                                             | 6340                                             | 189                 | 71900                                                        | 2.0                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| <b>5.5kw</b>                                    |                                                  |                   |                                                              |                                        |                 |                       |
| 3.1                                             | 17000                                            | 229.71            | 120000                                                       | 1.05                                   | R 167<br>RF 167 | 8                     |
| 3.8                                             | 13800                                            | 186.93            | 120000                                                       | 1.30                                   |                 |                       |
| 4.6                                             | 11300                                            | 153.07            | 120000                                                       | 1.60                                   |                 |                       |
| 5.1                                             | 10400                                            | 139.98            | 120000                                                       | 1.75                                   |                 |                       |
| 5.8                                             | 9010                                             | 121.81            | 120000                                                       | 2.0                                    |                 |                       |
| 4.3                                             | 12100                                            | 163.31            | 64400                                                        | 1.10                                   | R 147<br>RF 147 | 8                     |
| 4.8                                             | 10900                                            | 146.91            | 66500                                                        | 1.20                                   |                 |                       |
| 5.9                                             | 8870                                             | 119.86            | 69300                                                        | 1.45                                   |                 |                       |
| 6.5                                             | 8090                                             | 109.31            | 70200                                                        | 1.60                                   |                 |                       |
| 5.9                                             | 8930                                             | 163.31            | 69200                                                        | 1.45                                   | R 147<br>RF 147 | 6                     |
| 6.5                                             | 8040                                             | 146.91            | 70300                                                        | 1.60                                   |                 |                       |
| 8                                               | 6560                                             | 119.86            | 71700                                                        | 2.0                                    |                 |                       |
| 8.8                                             | 5980                                             | 109.31            | 72200                                                        | 2.2                                    | R 147<br>RF 147 | 6                     |
| 10                                              | 5180                                             | 94.60             | 72800                                                        | 2.5                                    |                 |                       |
| 12                                              | 4570                                             | 83.47             | 73200                                                        | 2.8                                    |                 |                       |
| 5.5                                             | 9480                                             | 128.18            | 44400                                                        | 0.85                                   | R 137<br>RF 137 | 8                     |
| 6.2                                             | 8410                                             | 113.72            | 52200                                                        | 0.95                                   |                 |                       |
| 6.9                                             | 7630                                             | 103.20            | 54200                                                        | 1.05                                   |                 |                       |
| 8.0                                             | 6560                                             | 88.70             | 56100                                                        | 1.20                                   |                 |                       |
| 5.5                                             | 9540                                             | 174.40            | 43300                                                        | 0.85                                   | R 137<br>RF 137 | 6                     |
| 6.1                                             | 8550                                             | 156.31            | 51600                                                        | 0.95                                   |                 |                       |
| 6.8                                             | 7720                                             | 141.12            | 54000                                                        | 1.05                                   |                 |                       |
| 7.5                                             | 7010                                             | 128.18            | 55300                                                        | 1.15                                   |                 |                       |
| 8.4                                             | 6220                                             | 113.72            | 56700                                                        | 1.30                                   |                 |                       |
| 9.3                                             | 5650                                             | 103.20            | 57600                                                        | 1.40                                   |                 |                       |
| 6.4                                             | 8180                                             | 222.60            | 53000                                                        | 1.00                                   | R 137<br>RF 137 | 4                     |
| 7.6                                             | 6920                                             | 188.45            | 55500                                                        | 1.15                                   |                 |                       |
| 8.2                                             | 6410                                             | 174.40            | 56400                                                        | 1.25                                   |                 |                       |
| 9.1                                             | 5740                                             | 156.31            | 57400                                                        | 1.40                                   |                 |                       |
| 10                                              | 5180                                             | 141.12            | 58200                                                        | 1.55                                   |                 |                       |
| 11                                              | 4710                                             | 128.18            | 58800                                                        | 1.70                                   | R 137<br>RF 137 | 4                     |
| 13                                              | 4180                                             | 113.72            | 59300                                                        | 1.90                                   |                 |                       |
| 14                                              | 3790                                             | 103.20            | 59700                                                        | 2.1                                    |                 |                       |
| 16                                              | 3260                                             | 88.70             | 60200                                                        | 2.5                                    |                 |                       |
| 18                                              | 2970                                             | 80.91             | 60400                                                        | 2.7                                    |                 |                       |
| 19                                              | 2700                                             | 73.49             | 60500                                                        | 3.0                                    |                 |                       |
| 22                                              | 2390                                             | 65.20             | 60700                                                        | 3.3                                    |                 |                       |
| 24                                              | 2170                                             | 59.17             | 60900                                                        | 3.7                                    |                 |                       |
| 28                                              | 1870                                             | 50.86             | 61000                                                        | 4.3                                    |                 |                       |
| 11                                              | 4690                                             | 127.68            | 27100                                                        | 0.90                                   | R 107<br>RF 107 | 4                     |
| 12                                              | 4250                                             | 115.63            | 29800                                                        | 1.00                                   |                 |                       |
| 14                                              | 3770                                             | 102.53            | 32100                                                        | 1.15                                   |                 |                       |
| 15                                              | 3400                                             | 92.70             | 33500                                                        | 1.25                                   |                 |                       |
| 18                                              | 2980                                             | 78.57             | 33500                                                        | 1.50                                   |                 |                       |
| 20                                              | 2680                                             | 72.88             | 32900                                                        | 1.60                                   |                 |                       |
| 22                                              | 2410                                             | 65.60             | 32100                                                        | 1.80                                   |                 |                       |
| 24                                              | 2180                                             | 59.41             | 31300                                                        | 1.95                                   |                 |                       |
| 27                                              | 1930                                             | 52.68             | 30300                                                        | 2.2                                    |                 |                       |
| 30                                              | 1750                                             | 47.63             | 29500                                                        | 2.5                                    |                 |                       |
| 35                                              | 1480                                             | 40.37             | 28200                                                        | 2.9                                    |                 |                       |
| 17                                              | 3050                                             | 83.15             | 17600                                                        | 1.00                                   | R 97<br>RF 97   | 4                     |
| 20                                              | 2650                                             | 72.17             | 21800                                                        | 1.15                                   |                 |                       |
| 22                                              | 2390                                             | 65.21             | 24600                                                        | 1.25                                   |                 |                       |
| 24                                              | 2200                                             | 59.92             | 24200                                                        | 1.35                                   |                 |                       |
| 27                                              | 1950                                             | 53.21             | 23600                                                        | 1.55                                   |                 |                       |
| 30                                              | 1750                                             | 47.58             | 23000                                                        | 1.70                                   |                 |                       |
| 33                                              | 1570                                             | 42.78             | 22500                                                        | 1.90                                   |                 |                       |
| 39                                              | 1360                                             | 37.13             | 21700                                                        | 2.2                                    |                 |                       |
| 43                                              | 1220                                             | 33.25             | 21100                                                        | 2.4                                    |                 |                       |
| 52                                              | 1010                                             | 27.58             | 20100                                                        | 2.6                                    |                 |                       |
| 45                                              | 1180                                             | 32.05             | 20900                                                        | 2.2                                    | R 97<br>RF 97   | 4                     |
| 53                                              | 1000                                             | 27.19             | 20000                                                        | 2.6                                    |                 |                       |
| 57                                              | 920                                              | 25.03             | 19600                                                        | 3.1                                    |                 |                       |
| 64                                              | 820                                              | 22.37             | 19000                                                        | 3.3                                    |                 |                       |
| 71                                              | 740                                              | 20.14             | 18400                                                        | 3.5                                    |                 |                       |
| 78                                              | 670                                              | 18.24             | 17900                                                        | 3.7                                    |                 |                       |
| 88                                              | 595                                              | 16.17             | 17300                                                        | 4.0                                    |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model  | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|---------------|-----------------------|
| <b>5.5kw</b>                                    |                                                  |                   |                                                              |                                        |               |                       |
| 30                                              | 1750                                             | 47.58             | 15400                                                        | 0.90                                   | R 87<br>RF 87 | 4                     |
| 34                                              | 1530                                             | 41.74             | 17000                                                        | 1.00                                   |               |                       |
| 39                                              | 1350                                             | 36.84             | 17200                                                        | 1.15                                   |               |                       |
| 44                                              | 1200                                             | 32.66             | 16700                                                        | 1.30                                   |               |                       |
| 51                                              | 1020                                             | 27.88             | 16100                                                        | 1.45                                   |               |                       |
| 51                                              | 1020                                             | 27.84             | 16100                                                        | 1.50                                   | R 87<br>RF 87 | 4                     |
| 61                                              | 860                                              | 23.40             | 15500                                                        | 1.80                                   |               |                       |
| 66                                              | 790                                              | 21.51             | 15200                                                        | 1.90                                   |               |                       |
| 75                                              | 700                                              | 19.10             | 14700                                                        | 2.0                                    |               |                       |
| 84                                              | 625                                              | 17.08             | 14300                                                        | 2.2                                    |               |                       |
| 93                                              | 565                                              | 15.35             | 13900                                                        | 2.4                                    |               |                       |
| 107                                             | 490                                              | 13.33             | 13400                                                        | 2.6                                    |               |                       |
| 120                                             | 440                                              | 11.93             | 13000                                                        | 2.8                                    |               |                       |
| 144                                             | 365                                              | 9.90              | 12300                                                        | 3.2                                    |               |                       |
| 156                                             | 335                                              | 9.14              | 12200                                                        | 3.6                                    |               |                       |
| 174                                             | 300                                              | 8.22              | 11800                                                        | 3.8                                    |               |                       |
| 200                                             | 260                                              | 7.13              | 11300                                                        | 4.1                                    |               |                       |
| 76                                              | 690                                              | 18.80             | 9240                                                         | 1.15                                   | R 77<br>RF 77 | 4                     |
| 80                                              | 655                                              | 17.82             | 9400                                                         | 1.20                                   |               |                       |
| 92                                              | 575                                              | 15.60             | 9150                                                         | 1.30                                   |               |                       |
| 102                                             | 515                                              | 14.05             | 8950                                                         | 1.40                                   | R 77<br>RF 77 | 4                     |
| 116                                             | 455                                              | 12.33             | 8690                                                         | 1.50                                   |               |                       |
| 131                                             | 400                                              | 10.88             | 8440                                                         | 1.65                                   |               |                       |
| 148                                             | 355                                              | 9.64              | 8190                                                         | 1.80                                   |               |                       |
| 166                                             | 315                                              | 8.59              | 8080                                                         | 2.0                                    |               |                       |
| 185                                             | 285                                              | 7.74              | 7860                                                         | 2.2                                    |               |                       |
| 211                                             | 250                                              | 6.79              | 7580                                                         | 2.3                                    |               |                       |
| 239                                             | 220                                              | 5.99              | 7320                                                         | 2.5                                    |               |                       |
| 269                                             | 195                                              | 5.31              | 7070                                                         | 2.6                                    |               |                       |
| 91                                              | 580                                              | 15.79             | 6610                                                         | 0.95                                   | R 67<br>RF 67 | 4                     |
| 96                                              | 550                                              | 14.91             | 6900                                                         | 1.00                                   |               |                       |
| 113                                             | 465                                              | 12.70             | 6810                                                         | 1.10                                   |               |                       |
| 124                                             | 425                                              | 11.54             | 6690                                                         | 1.20                                   |               |                       |
| 143                                             | 365                                              | 10.00             | 6500                                                         | 1.30                                   |               |                       |
| 164                                             | 320                                              | 8.70              | 6310                                                         | 1.40                                   |               |                       |
| 183                                             | 285                                              | 7.79              | 6180                                                         | 1.35                                   |               |                       |
| 194                                             | 270                                              | 7.36              | 6100                                                         | 1.35                                   |               |                       |
| 228                                             | 230                                              | 6.27              | 5860                                                         | 1.45                                   |               |                       |
| 251                                             | 210                                              | 5.70              | 5720                                                         | 1.50                                   |               |                       |
| 290                                             | 181                                              | 4.93              | 5510                                                         | 1.60                                   |               |                       |
| 333                                             | 158                                              | 4.29              | 5310                                                         | 1.70                                   |               |                       |
| 331                                             | 159                                              | 8.70              | 5300                                                         | 2.8                                    | R 67<br>RF 67 | 2                     |
| 369                                             | 142                                              | 7.79              | 5160                                                         | 2.7                                    |               |                       |
| 391                                             | 134                                              | 7.36              | 5080                                                         | 2.8                                    |               |                       |
| 460                                             | 114                                              | 6.27              | 4860                                                         | 2.9                                    |               |                       |
| 506                                             | 104                                              | 5.70              | 4730                                                         | 3.0                                    |               |                       |
| 584                                             | 90                                               | 4.93              | 4540                                                         | 3.2                                    |               |                       |
| 671                                             | 78                                               | 4.29              | 4350                                                         | 3.5                                    |               |                       |
| 97                                              | 545                                              | 14.77             | 1730                                                         | 0.80                                   | R 57<br>RF 57 | 4                     |
| 103                                             | 510                                              | 13.95             | 2070                                                         | 0.85                                   |               |                       |
| 120                                             | 435                                              | 11.88             | 2900                                                         | 0.95                                   |               |                       |
| 132                                             | 395                                              | 10.79             | 3270                                                         | 1.00                                   |               |                       |
| 153                                             | 345                                              | 9.35              | 3240                                                         | 1.10                                   | R 57<br>RF 57 | 4                     |
| 179                                             | 295                                              | 7.97              | 3220                                                         | 1.20                                   |               |                       |
| 190                                             | 275                                              | 7.53              | 3200                                                         | 1.25                                   |               |                       |
| 223                                             | 235                                              | 6.41              | 3120                                                         | 1.40                                   |               |                       |
| 246                                             | 215                                              | 5.82              | 3080                                                         | 1.50                                   |               |                       |
| 283                                             | 185                                              | 5.05              | 3000                                                         | 1.65                                   |               |                       |
| 326                                             | 161                                              | 4.39              | 2920                                                         | 1.75                                   |               |                       |
| 308                                             | 171                                              | 9.35              | 2930                                                         | 2.2                                    | R 57<br>RF 57 | 2                     |
| 361                                             | 145                                              | 7.97              | 2850                                                         | 2.4                                    |               |                       |
| 383                                             | 137                                              | 7.53              | 2820                                                         | 2.5                                    |               |                       |
| 449                                             | 117                                              | 6.41              | 2720                                                         | 2.9                                    |               |                       |
| 494                                             | 106                                              | 5.82              | 2660                                                         | 3.0                                    |               |                       |
| 571                                             | 92                                               | 5.05              | 2560                                                         | 3.3                                    |               |                       |
| 656                                             | 80                                               | 4.39              | 2470                                                         | 3.5                                    |               |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Re}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model      | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|-------------------|-----------------------|
| 5.5kW                                           |                                                  |                         |                                                              |                                        |                   |                       |
| 295                                             | 178                                              | 4.85                    | 1870                                                         | 0.85                                   | R 47<br>RF 47     | 4                     |
| 330                                             | 159                                              | 4.34                    | 2110                                                         | 0.90                                   |                   |                       |
| 373                                             | 141                                              | 3.83                    | 2080                                                         | 1.00                                   |                   |                       |
| 230                                             | 230                                              | 12.54                   | 1730                                                         | 1.10                                   | R 47<br>RF 47     | 2                     |
| 244                                             | 215                                              | 11.79                   | 1910                                                         | 1.15                                   |                   |                       |
| 284                                             | 185                                              | 10.15                   | 2250                                                         | 1.25                                   |                   |                       |
| 318                                             | 165                                              | 9.07                    | 2220                                                         | 1.35                                   |                   |                       |
| 359                                             | 146                                              | 8.01                    | 2170                                                         | 1.40                                   |                   |                       |
| 480                                             | 109                                              | 6.00                    | 2000                                                         | 1.45                                   |                   |                       |
| 511                                             | 103                                              | 5.64                    | 1970                                                         | 1.50                                   |                   |                       |
| 593                                             | 89                                               | 4.85                    | 1920                                                         | 1.70                                   |                   |                       |
| 664                                             | 79                                               | 4.34                    | 1870                                                         | 1.85                                   |                   |                       |
| 752                                             | 70                                               | 3.83                    | 1820                                                         | 2.1                                    |                   |                       |
| 216                                             | 245                                              | 6.63                    | 10500                                                        | 1.90                                   | RX 107<br>RXF 107 | 4                     |
| 255                                             | 205                                              | 5.61                    | 9980                                                         | 2.2                                    |                   |                       |
| 276                                             | 191                                              | 5.19                    | 9760                                                         | 3.7                                    |                   |                       |
| 307                                             | 171                                              | 4.65                    | 9460                                                         | 4.1                                    |                   |                       |
| 247                                             | 215                                              | 5.79                    | 8380                                                         | 1.95                                   | RX 97<br>RXF 97   | 4                     |
| 291                                             | 180                                              | 4.91                    | 8010                                                         | 2.2                                    |                   |                       |
| 316                                             | 166                                              | 4.52                    | 7820                                                         | 3.6                                    |                   |                       |
| 354                                             | 149                                              | 4.04                    | 7580                                                         | 4.0                                    |                   |                       |
| 393                                             | 134                                              | 3.64                    | 7350                                                         | 4.4                                    |                   |                       |
| 434                                             | 121                                              | 3.30                    | 7140                                                         | 4.9                                    |                   |                       |
| 489                                             | 107                                              | 2.92                    | 6890                                                         | 5.5                                    |                   |                       |
| 541                                             | 97                                               | 2.64                    | 6690                                                         | 6.1                                    |                   |                       |
| 638                                             | 82                                               | 2.24                    | 6360                                                         | 7.2                                    |                   |                       |
| 731                                             | 72                                               | 1.96                    | 6110                                                         | 7.9                                    |                   |                       |
| 874                                             | 60                                               | 1.64                    | 5780                                                         | 8.4                                    |                   |                       |
| 1010                                            | 52                                               | 1.42                    | 5530                                                         | 8.8                                    |                   |                       |
| 318                                             | 165                                              | 4.50                    | 6040                                                         | 1.75                                   | RX 87<br>RXF 87   | 4                     |
| 378                                             | 139                                              | 3.78                    | 5770                                                         | 2.2                                    |                   |                       |
| 411                                             | 128                                              | 3.48                    | 5640                                                         | 3.2                                    |                   |                       |
| 463                                             | 113                                              | 3.09                    | 5460                                                         | 3.6                                    |                   |                       |
| 518                                             | 101                                              | 2.76                    | 5290                                                         | 4.0                                    |                   |                       |
| 576                                             | 91                                               | 2.48                    | 5130                                                         | 4.4                                    |                   |                       |
| 664                                             | 79                                               | 2.15                    | 4930                                                         | 4.9                                    |                   |                       |
| 440                                             | 119                                              | 3.25                    | 4220                                                         | 1.50                                   | RX 77<br>RXF 77   | 4                     |
| 464                                             | 113                                              | 3.08                    | 4160                                                         | 1.70                                   |                   |                       |
| 530                                             | 99                                               | 2.70                    | 4030                                                         | 2.2                                    |                   |                       |
| 589                                             | 89                                               | 2.43                    | 3920                                                         | 2.4                                    |                   |                       |
| 671                                             | 78                                               | 2.13                    | 3780                                                         | 2.6                                    |                   |                       |
| 761                                             | 69                                               | 1.88                    | 3660                                                         | 2.7                                    |                   |                       |
| 858                                             | 61                                               | 1.67                    | 3540                                                         | 2.8                                    |                   |                       |
| 1005                                            | 52                                               | 1.42                    | 3380                                                         | 3.0                                    |                   |                       |
| 563                                             | 93                                               | 2.54                    | 2550                                                         | 1.25                                   | RX 67<br>RXF 67   | 4                     |
| 596                                             | 88                                               | 2.40                    | 2520                                                         | 1.40                                   |                   |                       |
| 700                                             | 75                                               | 2.04                    | 2430                                                         | 1.80                                   |                   |                       |
| 770                                             | 68                                               | 1.86                    | 2380                                                         | 1.85                                   |                   |                       |
| 889                                             | 59                                               | 1.61                    | 2300                                                         | 1.95                                   |                   |                       |
| 1020                                            | 51                                               | 1.40                    | 2220                                                         | 2.0                                    |                   |                       |
| 700                                             | 75                                               | 2.04                    | 665                                                          | 0.90                                   | R 57<br>RF 57     | 4                     |
| 745                                             | 71                                               | 1.92                    | 755                                                          | 1.00                                   |                   |                       |
| 866                                             | 61                                               | 1.65                    | 940                                                          | 1.15                                   |                   |                       |
| 969                                             | 54                                               | 1.48                    | 1020                                                         | 1.25                                   |                   |                       |
| 1095                                            | 48                                               | 1.30                    | 1160                                                         | 1.30                                   |                   |                       |
| 7.5kW                                           |                                                  |                         |                                                              |                                        |                   |                       |
| 2.8                                             | 23100                                            | 503                     | 120000                                                       | 0.80                                   | R 167<br>RF 167   | 4                     |
| 3.3                                             | 19800                                            | 432                     | 120000                                                       | 0.90                                   |                   |                       |
| 3.8                                             | 17300                                            | 376                     | 120000                                                       | 1.05                                   |                   |                       |
| 4.3                                             | 15400                                            | 335                     | 120000                                                       | 1.15                                   |                   |                       |
| 4.7                                             | 13900                                            | 303                     | 120000                                                       | 1.30                                   |                   |                       |
| 5.1                                             | 12800                                            | 279                     | 120000                                                       | 1.40                                   |                   |                       |
| 4.4                                             | 15000                                            | 326                     | 50100                                                        | 0.85                                   | R 147<br>RF 147   | 4                     |
| 5.1                                             | 12900                                            | 280                     | 62900                                                        | 1.00                                   |                   |                       |
| 5.8                                             | 11400                                            | 247                     | 65700                                                        | 1.15                                   |                   |                       |
| 6.7                                             | 9810                                             | 214                     | 68000                                                        | 1.30                                   |                   |                       |
| 7.6                                             | 8680                                             | 189                     | 69500                                                        | 1.50                                   |                   |                       |
| 9.0                                             | 7290                                             | 159                     | 71000                                                        | 1.80                                   |                   |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| <b>7.5kW</b>                                    |                                                |                         |                                                              |                                        |                 |                       |
| 3.1                                             | 22900                                          | 229.71                  | 120000                                                       | 0.80                                   | R 167<br>RF 167 | 8                     |
| 3.8                                             | 18600                                          | 186.93                  | 120000                                                       | 0.95                                   |                 |                       |
| 4.7                                             | 15200                                          | 153.07                  | 120000                                                       | 1.20                                   |                 |                       |
| 5.1                                             | 13900                                          | 139.98                  | 120000                                                       | 1.30                                   |                 |                       |
| 5.9                                             | 12100                                          | 121.81                  | 120000                                                       | 1.50                                   |                 |                       |
| 4.2                                             | 17100                                          | 229.71                  | 120000                                                       | 1.05                                   | R 167<br>RF 167 | 6                     |
| 5.1                                             | 13900                                          | 186.93                  | 120000                                                       | 1.30                                   |                 |                       |
| 6.3                                             | 11400                                          | 153.07                  | 120000                                                       | 1.60                                   | R 167<br>RF 167 | 6                     |
| 6.9                                             | 10400                                          | 139.98                  | 120000                                                       | 1.70                                   |                 |                       |
| 7.9                                             | 9090                                           | 121.81                  | 120000                                                       | 2.0                                    |                 |                       |
| 8.9                                             | 8020                                           | 107.49                  | 120000                                                       | 2.2                                    |                 |                       |
| 10                                              | 6950                                           | 93.19                   | 120000                                                       | 2.6                                    |                 |                       |
| 12                                              | 6190                                           | 82.91                   | 120000                                                       | 2.9                                    |                 |                       |
| 13                                              | 5500                                           | 73.70                   | 120000                                                       | 3.3                                    |                 |                       |
| 14                                              | 5030                                           | 67.40                   | 120000                                                       | 3.6                                    |                 |                       |
| 4.4                                             | 16200                                          | 163.31                  | 32800                                                        | 0.80                                   | R 147<br>RF 147 | 8                     |
| 4.9                                             | 14600                                          | 146.91                  | 55100                                                        | 0.90                                   |                 |                       |
| 6.0                                             | 11900                                          | 119.86                  | 64700                                                        | 1.10                                   |                 |                       |
| 6.6                                             | 10900                                          | 109.31                  | 66500                                                        | 1.20                                   | R 147<br>RF 147 | 6                     |
| 5.9                                             | 12200                                          | 163.31                  | 64200                                                        | 1.05                                   |                 |                       |
| 6.5                                             | 11000                                          | 146.91                  | 66300                                                        | 1.20                                   |                 |                       |
| 8.0                                             | 8940                                           | 119.86                  | 69200                                                        | 1.45                                   |                 |                       |
| 8.8                                             | 8150                                           | 109.31                  | 70100                                                        | 1.60                                   | R 147<br>RF 147 | 6                     |
| 10                                              | 700                                            | 94.60                   | 71300                                                        | 1.85                                   |                 |                       |
| 12                                              | 6230                                           | 83.47                   | 72000                                                        | 2.1                                    |                 |                       |
| 7.6                                             | 9440                                           | 188.45                  | 45300                                                        | 0.85                                   | R 137<br>RF 137 | 4                     |
| 8.2                                             | 8730                                           | 174.40                  | 50800                                                        | 0.90                                   |                 |                       |
| 9.1                                             | 7830                                           | 156.31                  | 53700                                                        | 1.00                                   |                 |                       |
| 10                                              | 7070                                           | 141.12                  | 55200                                                        | 1.15                                   |                 |                       |
| 11                                              | 6420                                           | 128.18                  | 56400                                                        | 1.25                                   | R 137<br>RF 137 | 4                     |
| 13                                              | 5700                                           | 113.72                  | 57500                                                        | 1.40                                   |                 |                       |
| 14                                              | 5170                                           | 103.20                  | 58200                                                        | 1.55                                   |                 |                       |
| 16                                              | 4440                                           | 88.70                   | 59100                                                        | 1.80                                   |                 |                       |
| 18                                              | 4050                                           | 80.91                   | 59500                                                        | 1.95                                   |                 |                       |
| 19                                              | 3680                                           | 73.49                   | 59800                                                        | 2.2                                    |                 |                       |
| 22                                              | 3270                                           | 65.20                   | 60100                                                        | 2.5                                    |                 |                       |
| 24                                              | 2960                                           | 59.17                   | 60400                                                        | 2.7                                    |                 |                       |
| 28                                              | 2550                                           | 50.86                   | 60600                                                        | 3.1                                    |                 |                       |
| 15                                              | 4640                                           | 92.70                   | 27500                                                        | 0.95                                   | R 107<br>RF 107 | 4                     |
| 18                                              | 3940                                           | 78.57                   | 31300                                                        | 1.10                                   |                 |                       |
| 20                                              | 3650                                           | 72.88                   | 31300                                                        | 1.20                                   |                 |                       |
| 22                                              | 3290                                           | 65.60                   | 30600                                                        | 1.30                                   |                 |                       |
| 24                                              | 2980                                           | 59.41                   | 30000                                                        | 1.45                                   |                 |                       |
| 27                                              | 2640                                           | 52.68                   | 29200                                                        | 1.65                                   |                 |                       |
| 30                                              | 2390                                           | 47.63                   | 28500                                                        | 1.80                                   |                 |                       |
| 35                                              | 2020                                           | 40.37                   | 27300                                                        | 2.1                                    |                 |                       |
| 41                                              | 1770                                           | 35.26                   | 26400                                                        | 2.4                                    |                 |                       |
| 48                                              | 1480                                           | 29.49                   | 25200                                                        | 2.9                                    |                 |                       |
| 46                                              | 1540                                           | 30.77                   | 25500                                                        | 2.8                                    | R 107<br>RF 107 | 4                     |
| 52                                              | 1380                                           | 27.58                   | 24700                                                        | 3.1                                    |                 |                       |
| 57                                              | 1250                                           | 24.90                   | 24100                                                        | 3.5                                    |                 |                       |
| 63                                              | 1130                                           | 22.62                   | 23400                                                        | 3.8                                    | R 97<br>RF 97   | 4                     |
| 24                                              | 3000                                           | 59.92                   | 19700                                                        | 1.00                                   |                 |                       |
| 27                                              | 2670                                           | 53.21                   | 22200                                                        | 1.15                                   |                 |                       |
| 30                                              | 2380                                           | 47.58                   | 21800                                                        | 1.25                                   |                 |                       |
| 33                                              | 2140                                           | 42.78                   | 21300                                                        | 1.40                                   |                 |                       |
| 39                                              | 1860                                           | 37.13                   | 20700                                                        | 1.60                                   |                 |                       |
| 43                                              | 1670                                           | 33.25                   | 20200                                                        | 1.75                                   | R 97<br>RF 97   | 4                     |
| 52                                              | 1380                                           | 27.58                   | 19400                                                        | 1.95                                   |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model      | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-------------------|-----------------------|
| <b>7.5kW</b>                                    |                                                  |                       |                                                              |                                        |                   |                       |
| 45                                              | 1610                                             | 32.05                 | 20000                                                        | 1.60                                   | R 97<br>RF 97     | 4                     |
| 53                                              | 1360                                             | 27.19                 | 19300                                                        | 1.90                                   |                   |                       |
| 57                                              | 1250                                             | 25.03                 | 18900                                                        | 2.3                                    |                   |                       |
| 64                                              | 1120                                             | 22.37                 | 18400                                                        | 2.4                                    |                   |                       |
| 71                                              | 1010                                             | 20.14                 | 17900                                                        | 2.6                                    |                   |                       |
| 78                                              | 910                                              | 18.24                 | 17500                                                        | 2.7                                    |                   |                       |
| 39                                              | 1840                                             | 36.84                 | 11500                                                        | 0.85                                   | R 87<br>RF 87     | 4                     |
| 44                                              | 1640                                             | 32.66                 | 15700                                                        | 0.95                                   |                   |                       |
| 51                                              | 1400                                             | 27.88                 | 15200                                                        | 1.05                                   |                   |                       |
| 51                                              | 1390                                             | 27.84                 | 15200                                                        | 1.10                                   | R 87<br>RF 87     | 4                     |
| 61                                              | 1170                                             | 23.40                 | 14700                                                        | 1.30                                   |                   |                       |
| 66                                              | 1080                                             | 21.51                 | 14500                                                        | 1.40                                   |                   |                       |
| 75                                              | 960                                              | 19.10                 | 14100                                                        | 1.50                                   |                   |                       |
| 84                                              | 860                                              | 17.08                 | 13700                                                        | 1.65                                   |                   |                       |
| 93                                              | 770                                              | 15.35                 | 12500                                                        | 1.75                                   |                   |                       |
| 107                                             | 670                                              | 13.33                 | 12900                                                        | 1.90                                   |                   |                       |
| 120                                             | 600                                              | 11.93                 | 12600                                                        | 2.1                                    |                   |                       |
| 144                                             | 495                                              | 9.90                  | 12000                                                        | 2.4                                    |                   |                       |
| 156                                             | 460                                              | 9.14                  | 11900                                                        | 2.6                                    |                   |                       |
| 174                                             | 410                                              | 8.22                  | 11600                                                        | 2.8                                    |                   |                       |
| 200                                             | 355                                              | 7.13                  | 11100                                                        | 3.0                                    |                   |                       |
| 224                                             | 320                                              | 6.39                  | 10800                                                        | 3.2                                    |                   |                       |
| 270                                             | 265                                              | 5.30                  | 10200                                                        | 3.4                                    |                   |                       |
| 76                                              | 940                                              | 18.80                 | 5310                                                         | 0.85                                   | R 77<br>RF 77     | 4                     |
| 80                                              | 890                                              | 17.82                 | 5720                                                         | 0.85                                   |                   |                       |
| 92                                              | 780                                              | 15.60                 | 6610                                                         | 0.95                                   |                   |                       |
| 102                                             | 705                                              | 14.05                 | 7180                                                         | 1.00                                   |                   |                       |
| 116                                             | 615                                              | 12.33                 | 7750                                                         | 1.10                                   |                   |                       |
| 131                                             | 545                                              | 10.88                 | 8010                                                         | 1.20                                   |                   |                       |
| 148                                             | 485                                              | 9.64                  | 7810                                                         | 1.30                                   |                   |                       |
| 166                                             | 430                                              | 8.59                  | 7620                                                         | 1.45                                   |                   |                       |
| 185                                             | 390                                              | 7.74                  | 7590                                                         | 1.55                                   |                   |                       |
| 211                                             | 340                                              | 6.79                  | 7340                                                         | 1.70                                   |                   |                       |
| 239                                             | 300                                              | 5.99                  | 7110                                                         | 1.80                                   |                   |                       |
| 269                                             | 265                                              | 5.31                  | 6890                                                         | 1.90                                   |                   |                       |
| 113                                             | 635                                              | 12.70                 | 4240                                                         | 0.80                                   | R 67<br>RF 67     | 4                     |
| 124                                             | 580                                              | 11.54                 | 4860                                                         | 0.85                                   |                   |                       |
| 143                                             | 500                                              | 10.00                 | 5620                                                         | 0.95                                   |                   |                       |
| 164                                             | 435                                              | 8.70                  | 5930                                                         | 1.00                                   |                   |                       |
| 183                                             | 390                                              | 7.79                  | 5500                                                         | 0.95                                   |                   |                       |
| 194                                             | 370                                              | 7.36                  | 5720                                                         | 1.00                                   |                   |                       |
| 228                                             | 315                                              | 6.27                  | 5600                                                         | 1.05                                   |                   |                       |
| 251                                             | 285                                              | 5.70                  | 5480                                                         | 1.10                                   |                   |                       |
| 290                                             | 245                                              | 4.93                  | 5300                                                         | 1.15                                   |                   |                       |
| 333                                             | 215                                              | 4.29                  | 5130                                                         | 1.25                                   |                   |                       |
| 179                                             | 400                                              | 7.97                  | 980                                                          | 0.90                                   | R 57<br>RF 57     | 4                     |
| 190                                             | 375                                              | 7.53                  | 1280                                                         | 0.95                                   |                   |                       |
| 223                                             | 320                                              | 6.41                  | 2020                                                         | 1.05                                   |                   |                       |
| 246                                             | 290                                              | 5.82                  | 2380                                                         | 1.10                                   |                   |                       |
| 283                                             | 255                                              | 5.05                  | 2760                                                         | 1.20                                   |                   |                       |
| 326                                             | 220                                              | 4.39                  | 2710                                                         | 1.25                                   |                   |                       |
| 296                                             | 365                                              | 14.77                 | 2580                                                         | 1.20                                   | R 57<br>RF 57     | 2                     |
| 208                                             | 345                                              | 13.95                 | 2780                                                         | 1.25                                   |                   |                       |
| 244                                             | 295                                              | 11.88                 | 2780                                                         | 1.40                                   |                   |                       |
| 269                                             | 265                                              | 10.79                 | 2750                                                         | 1.45                                   |                   |                       |
| 310                                             | 230                                              | 9.35                  | 2710                                                         | 1.60                                   |                   |                       |
| 364                                             | 197                                              | 7.97                  | 2670                                                         | 1.80                                   |                   |                       |
| 385                                             | 186                                              | 7.53                  | 2640                                                         | 1.90                                   |                   |                       |
| 452                                             | 158                                              | 6.41                  | 2570                                                         | 2.1                                    |                   |                       |
| 498                                             | 144                                              | 5.82                  | 2520                                                         | 2.2                                    |                   |                       |
| 575                                             | 125                                              | 5.05                  | 2440                                                         | 2.5                                    |                   |                       |
| 660                                             | 108                                              | 4.39                  | 2370                                                         | 2.6                                    |                   |                       |
| 216                                             | 330                                              | 6.63                  | 10100                                                        | 1.40                                   | RX 107<br>RXF 107 | 4                     |
| 255                                             | 280                                              | 5.61                  | 9690                                                         | 1.60                                   |                   |                       |
| 276                                             | 260                                              | 5.19                  | 9490                                                         | 2.7                                    |                   |                       |
| 307                                             | 235                                              | 4.65                  | 9210                                                         | 3.0                                    |                   |                       |
| 340                                             | 210                                              | 4.20                  | 8950                                                         | 3.9                                    |                   |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model            | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-------------------------|-----------------------|
| 7.5kW                                           |                                                  |                       |                                                              |                                        |                         |                       |
| 247                                             | 290                                              | 5.79                  | 8080                                                         | 1.45                                   | RX 97<br>RXF 97         | 4                     |
| 291                                             | 245                                              | 4.91                  | 7750                                                         | 1.60                                   |                         |                       |
| 316                                             | 225                                              | 4.52                  | 7580                                                         | 2.6                                    |                         |                       |
| 354                                             | 205                                              | 4.04                  | 7360                                                         | 2.9                                    |                         |                       |
| 393                                             | 182                                              | 3.64                  | 7160                                                         | 3.3                                    |                         |                       |
| 434                                             | 165                                              | 3.30                  | 6960                                                         | 3.6                                    |                         |                       |
| 489                                             | 146                                              | 2.92                  | 6730                                                         | 4.1                                    |                         |                       |
| 318                                             | 225                                              | 4.50                  | 5760                                                         | 1.30                                   | RX 87<br>RXF 87         | 4                     |
| 378                                             | 189                                              | 3.78                  | 5530                                                         | 1.60                                   |                         |                       |
| 411                                             | 174                                              | 3.48                  | 5420                                                         | 2.3                                    |                         |                       |
| 463                                             | 155                                              | 3.09                  | 5260                                                         | 2.6                                    |                         |                       |
| 518                                             | 138                                              | 2.76                  | 5110                                                         | 2.9                                    |                         |                       |
| 576                                             | 124                                              | 2.48                  | 4970                                                         | 3.3                                    |                         |                       |
| 664                                             | 108                                              | 2.15                  | 4780                                                         | 3.6                                    |                         |                       |
| 741                                             | 97                                               | 1.93                  | 4640                                                         | 3.7                                    |                         |                       |
| 894                                             | 80                                               | 1.60                  | 4400                                                         | 3.9                                    |                         |                       |
| 1030                                            | 70                                               | 1.39                  | 4230                                                         | 4.2                                    |                         |                       |
| 440                                             | 163                                              | 3.25                  | 3820                                                         | 1.10                                   | RX 77<br>RXF 77         | 4                     |
| 464                                             | 154                                              | 3.08                  | 3890                                                         | 1.25                                   |                         |                       |
| 530                                             | 135                                              | 2.70                  | 3820                                                         | 1.60                                   |                         |                       |
| 589                                             | 122                                              | 2.43                  | 3730                                                         | 1.75                                   |                         |                       |
| 671                                             | 107                                              | 2.13                  | 3620                                                         | 1.85                                   |                         |                       |
| 761                                             | 94                                               | 1.88                  | 3510                                                         | 2.0                                    |                         |                       |
| 858                                             | 84                                               | 1.67                  | 3400                                                         | 2.1                                    |                         |                       |
| 1005                                            | 71                                               | 1.42                  | 3260                                                         | 2.2                                    |                         |                       |
| 563                                             | 127                                              | 2.54                  | 1500                                                         | 0.95                                   | RX 67<br>RXF 67         | 4                     |
| 596                                             | 120                                              | 2.40                  | 1610                                                         | 1.00                                   |                         |                       |
| 700                                             | 102                                              | 2.04                  | 1810                                                         | 1.30                                   |                         |                       |
| 770                                             | 93                                               | 1.86                  | 1930                                                         | 1.35                                   |                         |                       |
| 889                                             | 81                                               | 1.61                  | 2060                                                         | 1.40                                   |                         |                       |
| 1020                                            | 70                                               | 1.40                  | 2080                                                         | 1.50                                   |                         |                       |
| 9.2kW                                           |                                                  |                       |                                                              |                                        |                         |                       |
| 3.8                                             | 21100                                            | 3.76                  | 120000                                                       | 0.85                                   | R 167 R97<br>RF 167 R97 | 4                     |
| 4.3                                             | 18800                                            | 335                   | 120000                                                       | 0.95                                   |                         |                       |
| 4.8                                             | 16900                                            | 303                   | 120000                                                       | 1.05                                   |                         |                       |
| 5.2                                             | 15600                                            | 279                   | 120000                                                       | 1.15                                   |                         |                       |
| 5.1                                             | 15700                                            | 280                   | 40800                                                        | 0.85                                   | R 147 R87<br>RF 147 R87 | 4                     |
| 5.8                                             | 13900                                            | 247                   | 60800                                                        | 0.95                                   |                         |                       |
| 6.7                                             | 12000                                            | 214                   | 64600                                                        | 1.10                                   |                         |                       |
| 7.6                                             | 10600                                            | 189                   | 66900                                                        | 1.25                                   |                         |                       |
| 9.1                                             | 8900                                             | 159                   | 69300                                                        | 1.45                                   |                         |                       |
| 8.8                                             | 9960                                             | 163.31                | 67800                                                        | 1.30                                   | R 147<br>RF 147         | 4                     |
| 9.8                                             | 8960                                             | 146.91                | 69200                                                        | 1.45                                   |                         |                       |
| 12                                              | 7310                                             | 119.86                | 71000                                                        | 1.80                                   |                         |                       |
| 13                                              | 6670                                             | 109.31                | 71600                                                        | 1.95                                   | R 147<br>RF 147         | 4                     |
| 15                                              | 5770                                             | 94.60                 | 72400                                                        | 2.2                                    |                         |                       |
| 17                                              | 5090                                             | 83.47                 | 72900                                                        | 2.5                                    |                         |                       |
| 20                                              | 4400                                             | 72.09                 | 73300                                                        | 3.0                                    |                         |                       |
| 22                                              | 4090                                             | 66.99                 | 73500                                                        | 3.2                                    |                         |                       |
| 9.2                                             | 9540                                             | 156.31                | 43400                                                        | 0.85                                   | R 137<br>RF 137         | 4                     |
| 10                                              | 8610                                             | 141.12                | 51400                                                        | 0.95                                   |                         |                       |
| 11                                              | 7820                                             | 128.72                | 53800                                                        | 1.00                                   |                         |                       |
| 13                                              | 6940                                             | 113.72                | 55500                                                        | 1.15                                   |                         |                       |
| 14                                              | 6300                                             | 103.20                | 56600                                                        | 1.25                                   | R 137<br>RF 137         | 4                     |
| 16                                              | 5410                                             | 88.70                 | 57900                                                        | 1.50                                   |                         |                       |
| 18                                              | 4940                                             | 80.91                 | 58500                                                        | 1.60                                   |                         |                       |
| 20                                              | 4480                                             | 73.49                 | 59000                                                        | 1.80                                   |                         |                       |
| 22                                              | 3980                                             | 65.20                 | 59500                                                        | 2.0                                    |                         |                       |
| 24                                              | 3610                                             | 59.17                 | 59900                                                        | 2.2                                    |                         |                       |
| 28                                              | 3100                                             | 50.86                 | 60300                                                        | 2.6                                    |                         |                       |
| 32                                              | 2710                                             | 44.39                 | 60500                                                        | 3.0                                    |                         |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model      | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-------------------|-----------------------|
| <b>9.2kW</b>                                    |                                                  |                       |                                                              |                                        |                   |                       |
| 18                                              | 4790                                             | 78.57                 | 23300                                                        | 0.90                                   | R 107<br>RF 107   | 4                     |
| 20                                              | 4450                                             | 72.88                 | 28600                                                        | 0.95                                   |                   |                       |
| 22                                              | 4000                                             | 65.60                 | 29400                                                        | 1.05                                   |                   |                       |
| 24                                              | 3620                                             | 59.41                 | 28800                                                        | 1.20                                   |                   |                       |
| 27                                              | 3210                                             | 52.68                 | 28100                                                        | 1.35                                   |                   |                       |
| 30                                              | 2910                                             | 47.63                 | 27500                                                        | 1.50                                   |                   |                       |
| 36                                              | 2460                                             | 40.37                 | 26500                                                        | 1.75                                   |                   |                       |
| 41                                              | 2150                                             | 35.26                 | 25700                                                        | 2.0                                    |                   |                       |
| 49                                              | 1800                                             | 29.49                 | 24600                                                        | 2.4                                    | R 107<br>RF 107   | 4                     |
| 47                                              | 1880                                             | 30.77                 | 24900                                                        | 2.3                                    |                   |                       |
| 52                                              | 1680                                             | 27.58                 | 24200                                                        | 2.6                                    |                   |                       |
| 58                                              | 1520                                             | 24.90                 | 23500                                                        | 2.8                                    |                   |                       |
| 64                                              | 1380                                             | 22.62                 | 23000                                                        | 3.1                                    |                   |                       |
| 72                                              | 1220                                             | 20.07                 | 22200                                                        | 3.5                                    | R 97<br>RF 97     | 4                     |
| 27                                              | 3250                                             | 53.21                 | 3280                                                         | 0.90                                   |                   |                       |
| 30                                              | 2900                                             | 47.58                 | 20600                                                        | 1.05                                   |                   |                       |
| 34                                              | 2610                                             | 42.78                 | 20300                                                        | 1.15                                   | R 97<br>RF 97     | 4                     |
| 39                                              | 2270                                             | 37.13                 | 19800                                                        | 1.30                                   |                   |                       |
| 43                                              | 2030                                             | 33.25                 | 19400                                                        | 1.40                                   |                   |                       |
| 52                                              | 1680                                             | 27.58                 | 18700                                                        | 1.60                                   | R 97<br>RF 97     | 4                     |
| 58                                              | 1530                                             | 25.03                 | 18300                                                        | 1.85                                   |                   |                       |
| 64                                              | 1370                                             | 22.37                 | 17900                                                        | 2.0                                    |                   |                       |
| 71                                              | 1230                                             | 20.14                 | 17400                                                        | 2.1                                    |                   |                       |
| 79                                              | 1110                                             | 18.24                 | 17000                                                        | 2.2                                    |                   |                       |
| 89                                              | 990                                              | 16.17                 | 16500                                                        | 2.4                                    |                   |                       |
| 98                                              | 890                                              | 14.62                 | 16100                                                        | 2.6                                    |                   |                       |
| 116                                             | 755                                              | 12.39                 | 15400                                                        | 2.9                                    | R 87<br>RF 87     | 4                     |
| 67                                              | 1310                                             | 21.51                 | 13900                                                        | 1.15                                   |                   |                       |
| 75                                              | 1170                                             | 19.10                 | 13600                                                        | 1.25                                   |                   |                       |
| 84                                              | 1040                                             | 17.08                 | 13200                                                        | 1.35                                   |                   |                       |
| 94                                              | 940                                              | 15.35                 | 13000                                                        | 1.45                                   |                   |                       |
| 108                                             | 810                                              | 13.33                 | 12600                                                        | 1.55                                   |                   |                       |
| 121                                             | 730                                              | 11.93                 | 12200                                                        | 1.70                                   |                   |                       |
| 145                                             | 605                                              | 9.90                  | 11700                                                        | 1.95                                   |                   |                       |
| 158                                             | 560                                              | 9.14                  | 11700                                                        | 2.2                                    |                   |                       |
| 175                                             | 500                                              | 8.22                  | 11400                                                        | 2.3                                    |                   |                       |
| 202                                             | 435                                              | 7.13                  | 10900                                                        | 2.5                                    | R 77<br>RF 77     | 4                     |
| 225                                             | 390                                              | 6.39                  | 10600                                                        | 2.6                                    |                   |                       |
| 102                                             | 860                                              | 14.05                 | 4740                                                         | 0.85                                   |                   |                       |
| 117                                             | 750                                              | 12.33                 | 5610                                                         | 0.90                                   |                   |                       |
| 132                                             | 665                                              | 10.88                 | 6280                                                         | 1.00                                   | R 77<br>RF 77     | 4                     |
| 149                                             | 590                                              | 9.64                  | 6800                                                         | 1.05                                   |                   |                       |
| 186                                             | 470                                              | 7.74                  | 6300                                                         | 1.30                                   |                   |                       |
| 212                                             | 415                                              | 6.79                  | 6720                                                         | 1.40                                   |                   |                       |
| 240                                             | 365                                              | 5.99                  | 6920                                                         | 1.50                                   | R 77<br>RF 77     | 4                     |
| 271                                             | 325                                              | 5.31                  | 6720                                                         | 1.55                                   |                   |                       |
| 277                                             | 315                                              | 5.19                  | 9240                                                         | 2.2                                    | RX 107<br>RXF 107 | 4                     |
| 310                                             | 285                                              | 4.65                  | 8990                                                         | 2.5                                    |                   |                       |
| 343                                             | 255                                              | 4.20                  | 8760                                                         | 3.2                                    |                   |                       |
| 377                                             | 235                                              | 3.81                  | 8540                                                         | 3.6                                    |                   |                       |
| 425                                             | 205                                              | 3.38                  | 8270                                                         | 4.0                                    |                   |                       |
| 318                                             | 275                                              | 4.52                  | 7370                                                         | 2.2                                    | RX 97<br>RXF 97   | 4                     |
| 356                                             | 245                                              | 4.04                  | 7170                                                         | 2.4                                    |                   |                       |
| 396                                             | 220                                              | 3.64                  | 6980                                                         | 2.7                                    |                   |                       |
| 437                                             | 200                                              | 3.30                  | 6800                                                         | 3.0                                    |                   |                       |
| 493                                             | 178                                              | 2.92                  | 6590                                                         | 3.3                                    |                   |                       |
| 545                                             | 161                                              | 2.64                  | 6410                                                         | 3.7                                    |                   |                       |
| 643                                             | 137                                              | 2.24                  | 6120                                                         | 4.3                                    |                   |                       |
| 736                                             | 119                                              | 1.96                  | 5890                                                         | 4.8                                    |                   |                       |
| 880                                             | 100                                              | 1.64                  | 5590                                                         | 5.1                                    |                   |                       |
| 1015                                            | 86                                               | 1.42                  | 5360                                                         | 5.3                                    |                   |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model               | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|----------------------------|-----------------------|
| 9.2kW                                           |                                                  |                       |                                                              |                                        |                            |                       |
| 414                                             | 210                                              | 3.48                  | 5220                                                         | 1.90                                   | RX 87<br>RXF 87            | 4                     |
| 466                                             | 188                                              | 3.09                  | 5080                                                         | 2.2                                    |                            |                       |
| 522                                             | 168                                              | 2.76                  | 4950                                                         | 2.4                                    |                            |                       |
| 580                                             | 151                                              | 2.48                  | 4820                                                         | 2.7                                    |                            |                       |
| 669                                             | 131                                              | 2.15                  | 4650                                                         | 2.9                                    |                            |                       |
| 747                                             | 118                                              | 1.93                  | 4520                                                         | 3.0                                    |                            |                       |
| 900                                             | 98                                               | 1.60                  | 4300                                                         | 3.2                                    |                            |                       |
| 1035                                            | 85                                               | 1.39                  | 4140                                                         | 3.4                                    |                            |                       |
| 593                                             | 148                                              | 2.43                  | 3010                                                         | 1.45                                   | RX 77<br>RXF 77            | 4                     |
| 676                                             | 130                                              | 2.13                  | 3160                                                         | 1.55                                   |                            |                       |
| 766                                             | 115                                              | 1.88                  | 3260                                                         | 1.65                                   |                            |                       |
| 864                                             | 102                                              | 1.67                  | 3280                                                         | 1.70                                   |                            |                       |
| 1010                                            | 87                                               | 1.42                  | 3160                                                         | 1.80                                   |                            |                       |
| 11.0kW                                          |                                                  |                       |                                                              |                                        |                            |                       |
| 4.9                                             | 19600                                            | 295                   | 120000                                                       | 0.90                                   | R 167 R107<br>RMF 167 R107 | 4                     |
| 5.3                                             | 18100                                            | 270                   | 120000                                                       | 1.00                                   |                            |                       |
| 6.3                                             | 15300                                            | 229                   | 120000                                                       | 1.20                                   |                            |                       |
| 7.2                                             | 13400                                            | 200                   | 120000                                                       | 1.35                                   |                            |                       |
| 8.5                                             | 11300                                            | 169                   | 120000                                                       | 1.60                                   |                            |                       |
| 5.0                                             | 19800                                            | 291                   | 120000                                                       | 0.90                                   | R 167 R107<br>RF 167 R107  | 4<br>4                |
| 4.3                                             | 22500                                            | 335                   | 120000                                                       | 0.80                                   | R 167 R97<br>RF 167 R97    | 4                     |
| 4.8                                             | 20300                                            | 303                   | 120000                                                       | 0.90                                   |                            |                       |
| 5.2                                             | 18700                                            | 279                   | 120000                                                       | 0.95                                   |                            |                       |
| 5.8                                             | 16600                                            | 247                   | 26800                                                        | 0.80                                   | R 147 R87<br>RF 147 R87    | 4                     |
| 6.7                                             | 14300                                            | 214                   | 58300                                                        | 0.90                                   |                            |                       |
| 7.6                                             | 12700                                            | 189                   | 63300                                                        | 1.05                                   |                            |                       |
| 9.1                                             | 10700                                            | 159                   | 66800                                                        | 1.20                                   |                            |                       |
| 5.1                                             | 20500                                            | 186.93                | 120000                                                       | 0.90                                   | R 167<br>RF 167            | 4                     |
| 6.3                                             | 16700                                            | 153.07                | 120000                                                       | 1.05                                   |                            |                       |
| 6.9                                             | 15300                                            | 139.98                | 120000                                                       | 1.20                                   |                            |                       |
| 7.9                                             | 13300                                            | 121.81                | 120000                                                       | 1.35                                   |                            |                       |
| 6.3                                             | 16800                                            | 229.71                | 120000                                                       | 1.05                                   | R 167<br>RF 167            | 4                     |
| 7.7                                             | 13600                                            | 186.93                | 120000                                                       | 1.30                                   |                            |                       |
| 9.4                                             | 11200                                            | 153.07                | 120000                                                       | 1.60                                   | R 167<br>RF 167            | 4                     |
| 10                                              | 10200                                            | 139.98                | 120000                                                       | 1.75                                   |                            |                       |
| 12                                              | 8890                                             | 121.81                | 120000                                                       | 2.0                                    |                            |                       |
| 13                                              | 7840                                             | 107.49                | 120000                                                       | 2.3                                    |                            |                       |
| 15                                              | 6800                                             | 93.19                 | 120000                                                       | 2.7                                    |                            |                       |
| 17                                              | 6050                                             | 82.91                 | 120000                                                       | 3.0                                    |                            |                       |
| 6.5                                             | 16100                                            | 146.91                | 35400                                                        | 0.80                                   | R 147<br>RF 147            | 6                     |
| 8.0                                             | 13100                                            | 119.86                | 62400                                                        | 1.00                                   |                            |                       |
| 8.8                                             | 12000                                            | 109.31                | 64600                                                        | 1.10                                   |                            |                       |
| 10                                              | 10400                                            | 94.60                 | 67300                                                        | 1.25                                   |                            |                       |
| 12                                              | 9130                                             | 83.47                 | 39000                                                        | 1.40                                   |                            |                       |
| 8.8                                             | 11900                                            | 163.31                | 64700                                                        | 1.10                                   | R 147<br>RF 147            | 4                     |
| 9.8                                             | 10700                                            | 146.91                | 66700                                                        | 1.20                                   |                            |                       |
| 12                                              | 8740                                             | 119.86                | 69400                                                        | 1.50                                   |                            |                       |
| 13                                              | 7970                                             | 109.31                | 70300                                                        | 1.65                                   | R 147<br>RF 147            | 4                     |
| 15                                              | 6900                                             | 94.60                 | 71400                                                        | 1.90                                   |                            |                       |
| 17                                              | 6090                                             | 83.47                 | 72100                                                        | 2.1                                    |                            |                       |
| 20                                              | 5260                                             | 72.09                 | 72800                                                        | 2.5                                    |                            |                       |
| 22                                              | 4890                                             | 66.99                 | 73000                                                        | 2.7                                    |                            |                       |
| 24                                              | 4460                                             | 61.09                 | 73300                                                        | 2.9                                    |                            |                       |
| 27                                              | 3860                                             | 52.87                 | 73600                                                        | 3.4                                    |                            |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>11.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 10                                              | 10300                                            | 142.12                  | 23300                                                        | 0.80                                   |              |                       |
| 11                                              | 9350                                             | 128.18                  | 46900                                                        | 0.85                                   |              |                       |
| 13                                              | 8300                                             | 113.72                  | 52700                                                        | 0.95                                   |              |                       |
| 14                                              | 7530                                             | 103.20                  | 54400                                                        | 1.05                                   |              |                       |
| 16                                              | 6470                                             | 88.70                   | 56300                                                        | 1.25                                   |              |                       |
| 18                                              | 5900                                             | 80.91                   | 57200                                                        | 1.35                                   |              |                       |
| 20                                              | 5360                                             | 73.49                   | 57900                                                        | 1.50                                   | R 137        | 4                     |
| 22                                              | 4760                                             | 65.20                   | 58700                                                        | 1.70                                   | RF 137       | 4                     |
| 24                                              | 4320                                             | 59.17                   | 59200                                                        | 1.85                                   |              |                       |
| 28                                              | 3710                                             | 50.86                   | 59800                                                        | 2.2                                    |              |                       |
| 32                                              | 3240                                             | 44.39                   | 60200                                                        | 2.5                                    |              |                       |
| 38                                              | 2750                                             | 37.65                   | 60500                                                        | 2.9                                    |              |                       |
| 44                                              | 2400                                             | 32.91                   | 60700                                                        | 3.3                                    |              |                       |
| 22                                              | 4790                                             | 65.60                   | 23700                                                        | 0.90                                   |              |                       |
| 24                                              | 4330                                             | 59.41                   | 27600                                                        | 1.00                                   |              |                       |
| 27                                              | 3840                                             | 52.68                   | 27100                                                        | 1.10                                   | R 107        | 4                     |
| 30                                              | 3470                                             | 47.63                   | 26600                                                        | 1.25                                   | RF 107       | 4                     |
| 36                                              | 2940                                             | 40.37                   | 25700                                                        | 1.45                                   |              |                       |
| 41                                              | 2570                                             | 35.26                   | 25000                                                        | 1.65                                   |              |                       |
| 49                                              | 2150                                             | 29.49                   | 24000                                                        | 2.0                                    |              |                       |
| 47                                              | 2240                                             | 30.77                   | 24200                                                        | 1.90                                   |              |                       |
| 52                                              | 2010                                             | 27.58                   | 23600                                                        | 2.1                                    |              |                       |
| 58                                              | 1820                                             | 24.90                   | 23100                                                        | 2.4                                    | R 107        | 4                     |
| 64                                              | 1650                                             | 22.62                   | 22500                                                        | 2.6                                    | RF 107       | 4                     |
| 72                                              | 1460                                             | 20.07                   | 21800                                                        | 2.9                                    |              |                       |
| 79                                              | 1330                                             | 18.21                   | 21300                                                        | 3.2                                    |              |                       |
| 34                                              | 3120                                             | 42.78                   | 14500                                                        | 0.95                                   |              |                       |
| 39                                              | 2710                                             | 37.13                   | 18900                                                        | 1.10                                   | R 97         | 4                     |
| 43                                              | 2430                                             | 33.25                   | 18600                                                        | 1.20                                   | RF 97        | 4                     |
| 52                                              | 2010                                             | 27.58                   | 18000                                                        | 1.35                                   |              |                       |
| 58                                              | 1830                                             | 25.03                   | 17700                                                        | 1.55                                   | R 97         | 4                     |
| 64                                              | 1630                                             | 22.37                   | 17300                                                        | 1.65                                   | RF 97        | 4                     |
| 71                                              | 1470                                             | 20.14                   | 16900                                                        | 1.80                                   |              |                       |
| 79                                              | 1330                                             | 18.24                   | 16600                                                        | 1.90                                   |              |                       |
| 89                                              | 1180                                             | 16.17                   | 16100                                                        | 2.0                                    |              |                       |
| 98                                              | 1070                                             | 14.62                   | 15700                                                        | 2.2                                    |              |                       |
| 116                                             | 900                                              | 12.39                   | 15100                                                        | 2.4                                    | R 97         | 4                     |
| 133                                             | 790                                              | 10.83                   | 14600                                                        | 2.7                                    | RF 97        | 4                     |
| 155                                             | 675                                              | 9.29                    | 14300                                                        | 3.0                                    |              |                       |
| 172                                             | 610                                              | 8.39                    | 13900                                                        | 3.3                                    |              |                       |
| 202                                             | 520                                              | 7.12                    | 13200                                                        | 3.8                                    |              |                       |
| 232                                             | 455                                              | 6.21                    | 12700                                                        | 4.2                                    |              |                       |
| 67                                              | 1570                                             | 21.51                   | 13200                                                        | 0.95                                   | R 87         | 4                     |
| 75                                              | 1390                                             | 19.10                   | 13000                                                        | 1.05                                   | RF 87        | 4                     |
| 84                                              | 1250                                             | 17.08                   | 12800                                                        | 1.10                                   |              |                       |
| 94                                              | 1120                                             | 15.35                   | 12500                                                        | 1.20                                   |              |                       |
| 108                                             | 970                                              | 13.33                   | 12200                                                        | 1.30                                   |              |                       |
| 121                                             | 870                                              | 11.93                   | 11900                                                        | 1.40                                   |              |                       |
| 145                                             | 720                                              | 9.90                    | 11400                                                        | 1.65                                   | R 87         | 4                     |
| 158                                             | 665                                              | 9.14                    | 11500                                                        | 1.80                                   | RF 87        | 4                     |
| 175                                             | 600                                              | 8.22                    | 11200                                                        | 1.95                                   |              |                       |
| 202                                             | 520                                              | 7.13                    | 10800                                                        | 2.1                                    |              |                       |
| 225                                             | 465                                              | 6.39                    | 10400                                                        | 2.2                                    |              |                       |
| 272                                             | 385                                              | 5.30                    | 9910                                                         | 2.3                                    |              |                       |
| 132                                             | 795                                              | 10.88                   | 4250                                                         | 0.85                                   | R 77         | 4                     |
| 149                                             | 705                                              | 9.64                    | 5000                                                         | 0.90                                   | RF 77        | 4                     |
| 186                                             | 565                                              | 7.74                    | 4630                                                         | 1.10                                   |              |                       |
| 212                                             | 495                                              | 6.79                    | 5250                                                         | 1.15                                   | R 77         | 4                     |
| 240                                             | 435                                              | 5.99                    | 5720                                                         | 1.25                                   | RF 77        | 4                     |
| 271                                             | 390                                              | 5.31                    | 6090                                                         | 1.30                                   |              |                       |
| 277                                             | 380                                              | 5.19                    | 9000                                                         | 1.85                                   |              |                       |
| 310                                             | 340                                              | 4.65                    | 8770                                                         | 2.0                                    |              |                       |
| 343                                             | 305                                              | 4.20                    | 8560                                                         | 2.7                                    |              |                       |
| 377                                             | 280                                              | 3.81                    | 8360                                                         | 3.0                                    | RX 107       | 4                     |
| 425                                             | 245                                              | 3.38                    | 8100                                                         | 3.4                                    | RXF 107      | 4                     |
| 469                                             | 225                                              | 3.07                    | 7900                                                         | 3.7                                    |              |                       |
| 545                                             | 193                                              | 2.64                    | 7580                                                         | 4.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>11.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 318                                             | 330                                              | 4.52                    | 7150                                                         | 1.80                                   |              |                       |
| 365                                             | 295                                              | 4.04                    | 6970                                                         | 2.0                                    |              |                       |
| 396                                             | 265                                              | 3.64                    | 6800                                                         | 2.2                                    |              |                       |
| 437                                             | 240                                              | 3.30                    | 6640                                                         | 2.5                                    |              |                       |
| 493                                             | 215                                              | 2.92                    | 6440                                                         | 2.8                                    | RX 97        | 4                     |
| 545                                             | 193                                              | 2.64                    | 6280                                                         | 3.1                                    | RXF 97       | 4                     |
| 643                                             | 163                                              | 2.24                    | 6000                                                         | 3.6                                    |              |                       |
| 736                                             | 143                                              | 1.96                    | 5790                                                         | 4.0                                    |              |                       |
| 880                                             | 119                                              | 1.64                    | 5500                                                         | 4.2                                    |              |                       |
| 1015                                            | 103                                              | 1.42                    | 5280                                                         | 4.4                                    |              |                       |
| 414                                             | 255                                              | 3.48                    | 5030                                                         | 1.60                                   |              |                       |
| 466                                             | 225                                              | 3.09                    | 4910                                                         | 1.80                                   | RX 87        | 4                     |
| 522                                             | 200                                              | 2.76                    | 4790                                                         | 2.0                                    | RXF 87       | 4                     |
| 580                                             | 181                                              | 2.48                    | 4680                                                         | 2.2                                    |              |                       |
| 669                                             | 157                                              | 2.15                    | 4530                                                         | 2.5                                    |              |                       |
| 747                                             | 141                                              | 1.93                    | 4400                                                         | 2.5                                    | RX 87        | 4                     |
| 900                                             | 117                                              | 1.60                    | 4200                                                         | 2.8                                    | RXF 87       | 4                     |
| 1035                                            | 102                                              | 1.39                    | 4050                                                         | 2.9                                    |              |                       |
| 593                                             | 177                                              | 2.43                    | 1890                                                         | 1.20                                   |              |                       |
| 676                                             | 155                                              | 2.13                    | 2140                                                         | 1.30                                   |              |                       |
| 766                                             | 137                                              | 1.88                    | 2330                                                         | 1.35                                   | RX 77        | 4                     |
| 864                                             | 122                                              | 1.67                    | 2460                                                         | 1.40                                   | RXF 77       | 4                     |
| 1010                                            | 104                                              | 1.42                    | 2580                                                         | 1.50                                   |              |                       |
| <b>15.0kw</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 6.4                                             | 20700                                            | 229                     | 120000                                                       | 0.85                                   | R 167 R107   | 4                     |
| 7.3                                             | 18100                                            | 200                     | 120000                                                       | 1.00                                   | RF 167 R107  | 4                     |
| 8.6                                             | 15200                                            | 169                     | 120000                                                       | 1.20                                   |              |                       |
| 6.4                                             | 20800                                            | 227                     | 120000                                                       | 0.85                                   | R 167 R107   | 4                     |
| 7.4                                             | 18100                                            | 198                     | 120000                                                       | 1.00                                   | RF 167 R107  | 4                     |
| 6.3                                             | 22600                                            | 153.07                  | 120000                                                       | 0.80                                   |              |                       |
| 6.9                                             | 20700                                            | 139.98                  | 120000                                                       | 0.85                                   | R 167        | 6                     |
| 8.0                                             | 18000                                            | 121.81                  | 120000                                                       | 1.00                                   | RF 167       | 6                     |
| 9.0                                             | 15900                                            | 107.49                  | 120000                                                       | 1.15                                   |              |                       |
| 6.4                                             | 22500                                            | 229.71                  | 120000                                                       | 0.80                                   | R 167        | 6                     |
| 7.8                                             | 18300                                            | 186.93                  | 120000                                                       | 1.00                                   | RF 167       | 6                     |
| 9.5                                             | 15000                                            | 153.07                  | 120000                                                       | 1.20                                   |              |                       |
| 10                                              | 13700                                            | 139.98                  | 120000                                                       | 1.30                                   |              |                       |
| 12                                              | 12000                                            | 121.81                  | 120000                                                       | 1.50                                   |              |                       |
| 14                                              | 10500                                            | 107.49                  | 120000                                                       | 1.70                                   | R 167        | 6                     |
| 16                                              | 9140                                             | 93.19                   | 120000                                                       | 1.95                                   | RF 167       | 6                     |
| 18                                              | 8130                                             | 82.91                   | 120000                                                       | 2.2                                    |              |                       |
| 20                                              | 7230                                             | 73.70                   | 120000                                                       | 2.5                                    |              |                       |
| 22                                              | 6610                                             | 67.40                   | 120000                                                       | 2.7                                    |              |                       |
| 8.9                                             | 16100                                            | 109.31                  | 34400                                                        | 0.80                                   |              |                       |
| 10                                              | 14000                                            | 94.60                   | 60600                                                        | 0.95                                   |              |                       |
| 12                                              | 12300                                            | 83.47                   | 64000                                                        | 1.05                                   | R 147        | 6                     |
| 13                                              | 10600                                            | 72.09                   | 66800                                                        | 1.20                                   | RF 147       | 6                     |
| 14                                              | 9890                                             | 66.99                   | 67900                                                        | 1.30                                   |              |                       |
| 8.9                                             | 16000                                            | 163.31                  | 36200                                                        | 0.80                                   |              |                       |
| 9.9                                             | 14400                                            | 146.91                  | 57400                                                        | 0.90                                   |              |                       |
| 12                                              | 11800                                            | 119.86                  | 65000                                                        | 1.10                                   | R 147        | 6                     |
| 13                                              | 10700                                            | 109.31                  | 66700                                                        | 1.20                                   | RF 147       | 6                     |
| 15                                              | 9280                                             | 94.60                   | 68800                                                        | 1.40                                   |              |                       |
| 17                                              | 8190                                             | 83.47                   | 70100                                                        | 1.60                                   |              |                       |
| 20                                              | 7070                                             | 72.09                   | 71300                                                        | 1.85                                   |              |                       |
| 22                                              | 6570                                             | 66.99                   | 71700                                                        | 2.0                                    | R 147        | 6                     |
| 24                                              | 5990                                             | 61.09                   | 72200                                                        | 2.2                                    | RF 147       | 6                     |
| 28                                              | 5190                                             | 52.87                   | 72800                                                        | 2.5                                    |              |                       |
| 31                                              | 4580                                             | 46.65                   | 73200                                                        | 2.8                                    |              |                       |
| 14                                              | 10100                                            | 103.20                  | 30700                                                        | 0.80                                   |              |                       |
| 16                                              | 8700                                             | 88.70                   | 51000                                                        | 0.90                                   | R 137        | 6                     |
| 18                                              | 7940                                             | 80.91                   | 53500                                                        | 1.00                                   | RF 137       | 6                     |
| 20                                              | 7210                                             | 73.49                   | 55000                                                        | 1.10                                   |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|------------------|-----------------------|
| <b>15.0kW</b>                                   |                                                  |                         |                                                              |                                        |                  |                       |
| 22                                              | 6400                                             | 65.20                   | 56400                                                        | 1.25                                   | R 137<br>RF 137  | 4                     |
| 25                                              | 5800                                             | 59.17                   | 57300                                                        | 1.40                                   |                  |                       |
| 29                                              | 4990                                             | 50.86                   | 58400                                                        | 1.60                                   |                  |                       |
| 33                                              | 4360                                             | 44.39                   | 59100                                                        | 1.85                                   |                  |                       |
| 39                                              | 3690                                             | 37.65                   | 59800                                                        | 2.2                                    |                  |                       |
| 44                                              | 3230                                             | 32.91                   | 60200                                                        | 2.5                                    |                  |                       |
| 52                                              | 2730                                             | 27.83                   | 60500                                                        | 2.8                                    |                  |                       |
| 31                                              | 4670                                             | 47.63                   | 24500                                                        | 0.90                                   | R 107<br>RF 107  | 4                     |
| 36                                              | 3960                                             | 40.37                   | 23900                                                        | 1.10                                   |                  |                       |
| 41                                              | 3460                                             | 35.26                   | 23400                                                        | 1.25                                   |                  |                       |
| 50                                              | 2890                                             | 29.49                   | 22600                                                        | 1.50                                   |                  |                       |
| 47                                              | 3020                                             | 30.77                   | 22800                                                        | 1.40                                   | R 107<br>RF 107  | 4                     |
| 53                                              | 2710                                             | 27.58                   | 22400                                                        | 1.60                                   |                  |                       |
| 59                                              | 2440                                             | 24.90                   | 21900                                                        | 1.75                                   |                  |                       |
| 65                                              | 2220                                             | 22.62                   | 21400                                                        | 1.95                                   |                  |                       |
| 73                                              | 1970                                             | 20.07                   | 20900                                                        | 2.2                                    |                  |                       |
| 80                                              | 1790                                             | 18.21                   | 20400                                                        | 2.4                                    |                  |                       |
| 93                                              | 1540                                             | 15.65                   | 19700                                                        | 2.8                                    |                  |                       |
| 107                                             | 1340                                             | 13.66                   | 19000                                                        | 3.2                                    |                  |                       |
| 53                                              | 2710                                             | 27.58                   | 16500                                                        | 1.00                                   | R 97<br>RF 97    | 4                     |
| 58                                              | 2460                                             | 25.03                   | 16300                                                        | 1.15                                   | R 97<br>RF 97    | 4                     |
| 65                                              | 2200                                             | 22.37                   | 16100                                                        | 1.25                                   |                  |                       |
| 72                                              | 1980                                             | 20.14                   | 15800                                                        | 1.30                                   |                  |                       |
| 80                                              | 1790                                             | 18.24                   | 15600                                                        | 1.40                                   |                  |                       |
| 90                                              | 1590                                             | 16.17                   | 15200                                                        | 1.50                                   |                  |                       |
| 100                                             | 1430                                             | 14.62                   | 14900                                                        | 1.60                                   |                  |                       |
| 118                                             | 1220                                             | 12.39                   | 14400                                                        | 1.80                                   |                  |                       |
| 135                                             | 1060                                             | 10.83                   | 14000                                                        | 1.95                                   |                  |                       |
| 157                                             | 910                                              | 9.29                    | 13800                                                        | 2.2                                    |                  |                       |
| 174                                             | 820                                              | 8.39                    | 13400                                                        | 2.5                                    |                  |                       |
| 205                                             | 700                                              | 7.12                    | 12800                                                        | 2.9                                    |                  |                       |
| 235                                             | 610                                              | 6.21                    | 12400                                                        | 3.1                                    |                  |                       |
| 85                                              | 1680                                             | 17.08                   | 11600                                                        | 0.85                                   | R 87<br>RF 87    | 4                     |
| 95                                              | 1510                                             | 15.35                   | 11500                                                        | 0.90                                   |                  |                       |
| 110                                             | 1310                                             | 13.33                   | 11300                                                        | 1.00                                   |                  |                       |
| 122                                             | 1170                                             | 11.93                   | 11100                                                        | 1.05                                   |                  |                       |
| 147                                             | 970                                              | 9.90                    | 10700                                                        | 1.20                                   | R 87<br>RF 87    | 4                     |
| 160                                             | 900                                              | 9.14                    | 11000                                                        | 1.35                                   |                  |                       |
| 178                                             | 810                                              | 8.22                    | 10700                                                        | 1.45                                   |                  |                       |
| 205                                             | 700                                              | 7.13                    | 10300                                                        | 1.55                                   |                  |                       |
| 229                                             | 625                                              | 6.39                    | 10100                                                        | 1.65                                   |                  |                       |
| 275                                             | 520                                              | 5.30                    | 96000                                                        | 1.75                                   |                  |                       |
| 281                                             | 510                                              | 5.19                    | 8440                                                         | 1.35                                   | RX 107<br>RXF107 | 4                     |
| 314                                             | 455                                              | 4.65                    | 8260                                                         | 1.50                                   |                  |                       |
| 348                                             | 410                                              | 4.20                    | 8100                                                         | 2.0                                    |                  |                       |
| 383                                             | 375                                              | 3.81                    | 7930                                                         | 2.2                                    |                  |                       |
| 431                                             | 330                                              | 3.38                    | 7720                                                         | 2.5                                    | RX 107<br>RXF107 | 4                     |
| 475                                             | 300                                              | 3.07                    | 7540                                                         | 2.8                                    |                  |                       |
| 553                                             | 260                                              | 2.64                    | 7260                                                         | 3.2                                    |                  |                       |
| 634                                             | 225                                              | 2.30                    | 7010                                                         | 3.7                                    |                  |                       |
| 747                                             | 192                                              | 1.95                    | 6710                                                         | 4.0                                    |                  |                       |
| 855                                             | 168                                              | 1.71                    | 6470                                                         | 4.2                                    |                  |                       |
| 1010                                            | 142                                              | 1.44                    | 6170                                                         | 4.6                                    |                  |                       |
| 323                                             | 445                                              | 4.52                    | 6660                                                         | 1.35                                   | RX 97<br>RXF97   | 4                     |
| 361                                             | 395                                              | 4.04                    | 6530                                                         | 1.50                                   |                  |                       |
| 401                                             | 355                                              | 3.64                    | 6400                                                         | 1.65                                   |                  |                       |
| 443                                             | 325                                              | 3.30                    | 6270                                                         | 1.85                                   |                  |                       |
| 499                                             | 285                                              | 2.92                    | 6110                                                         | 2.1                                    |                  |                       |
| 552                                             | 260                                              | 2.64                    | 5970                                                         | 2.3                                    |                  |                       |
| 652                                             | 220                                              | 2.24                    | 5730                                                         | 2.7                                    |                  |                       |
| 746                                             | 192                                              | 1.96                    | 5550                                                         | 3.0                                    |                  |                       |
| 892                                             | 161                                              | 1.64                    | 5290                                                         | 3.2                                    |                  |                       |
| 1030                                            | 139                                              | 1.42                    | 5090                                                         | 3.3                                    |                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| 15.0kW                                          |                                                  |                         |                                                              |                                        |                 |                       |
| 420                                             | 340                                              | 3.48                    | 4260                                                         | 1.20                                   | RX 87<br>RXF 87 | 4                     |
| 473                                             | 305                                              | 3.09                    | 4510                                                         | 1.35                                   |                 |                       |
| 529                                             | 270                                              | 2.76                    | 4430                                                         | 1.50                                   |                 |                       |
| 588                                             | 245                                              | 2.48                    | 4350                                                         | 1.65                                   |                 |                       |
| 678                                             | 210                                              | 2.15                    | 4230                                                         | 1.80                                   |                 |                       |
| 757                                             | 189                                              | 1.93                    | 4130                                                         | 1.90                                   | RX 87<br>RXF 87 | 4                     |
| 913                                             | 157                                              | 1.60                    | 3960                                                         | 2.0                                    |                 |                       |
| 1050                                            | 137                                              | 1.39                    | 3840                                                         | 2.1                                    |                 |                       |
| 18.5kW                                          |                                                  |                         |                                                              |                                        |                 |                       |
| 7.8                                             | 22500                                            | 186.93                  | 120000                                                       | 0.80                                   | R 167<br>RF 167 | 4                     |
| 9.6                                             | 18500                                            | 153.07                  | 120000                                                       | 1.00                                   |                 |                       |
| 10                                              | 16900                                            | 139.98                  | 120000                                                       | 1.05                                   |                 |                       |
| 12                                              | 14700                                            | 121.81                  | 120000                                                       | 1.25                                   |                 |                       |
| 14                                              | 13000                                            | 107.49                  | 120000                                                       | 1.40                                   | R 167<br>RF 167 | 4                     |
| 16                                              | 11200                                            | 93.19                   | 120000                                                       | 1.60                                   |                 |                       |
| 18                                              | 10000                                            | 82.91                   | 120000                                                       | 1.80                                   |                 |                       |
| 20                                              | 8890                                             | 73.70                   | 120000                                                       | 2.0                                    |                 |                       |
| 22                                              | 8130                                             | 67.40                   | 120000                                                       | 2.2                                    |                 |                       |
| 25                                              | 7070                                             | 58.65                   | 120000                                                       | 2.5                                    |                 |                       |
| 12                                              | 14500                                            | 119.86                  | 56900                                                        | 0.90                                   | R 147<br>RF 147 | 4                     |
| 13                                              | 13200                                            | 109.31                  | 62300                                                        | 1.00                                   |                 |                       |
| 15                                              | 11400                                            | 94.60                   | 65600                                                        | 1.15                                   |                 |                       |
| 18                                              | 10100                                            | 83.47                   | 67700                                                        | 1.30                                   | R 147<br>RF 147 | 4                     |
| 20                                              | 8690                                             | 72.09                   | 69500                                                        | 1.50                                   |                 |                       |
| 22                                              | 8080                                             | 66.99                   | 70200                                                        | 1.60                                   |                 |                       |
| 24                                              | 7370                                             | 61.09                   | 71000                                                        | 1.75                                   |                 |                       |
| 28                                              | 6380                                             | 52.87                   | 71900                                                        | 2.0                                    |                 |                       |
| 31                                              | 5630                                             | 46.65                   | 72500                                                        | 2.3                                    |                 |                       |
| 36                                              | 4860                                             | 40.29                   | 73000                                                        | 2.7                                    |                 |                       |
| 18                                              | 9760                                             | 80.91                   | 39000                                                        | 0.80                                   | R 137<br>RF 137 | 4                     |
| 20                                              | 8860                                             | 73.49                   | 50200                                                        | 0.90                                   |                 |                       |
| 22                                              | 7860                                             | 65.20                   | 53700                                                        | 1.00                                   |                 |                       |
| 25                                              | 7140                                             | 59.17                   | 55100                                                        | 1.10                                   |                 |                       |
| 29                                              | 6130                                             | 50.86                   | 56800                                                        | 1.30                                   |                 |                       |
| 33                                              | 5350                                             | 44.39                   | 58000                                                        | 1.50                                   | R 137<br>RF 137 | 4                     |
| 39                                              | 4540                                             | 37.65                   | 58900                                                        | 1.75                                   |                 |                       |
| 45                                              | 3970                                             | 32.91                   | 59500                                                        | 2.0                                    |                 |                       |
| 53                                              | 3360                                             | 27.83                   | 60100                                                        | 2.3                                    |                 |                       |
| 50                                              | 3570                                             | 29.57                   | 59900                                                        | 2.2                                    | R 137<br>RF 137 | 4                     |
| 61                                              | 2910                                             | 24.12                   | 60400                                                        | 2.8                                    |                 |                       |
| 67                                              | 2650                                             | 22.00                   | 60600                                                        | 3.0                                    |                 |                       |
| 77                                              | 2300                                             | 19.04                   | 60800                                                        | 3.5                                    |                 |                       |
| 87                                              | 2030                                             | 16.80                   | 60900                                                        | 4.0                                    |                 |                       |
| 36                                              | 4870                                             | 40.37                   | 20200                                                        | 0.90                                   | R 107<br>RF 107 | 4                     |
| 42                                              | 4250                                             | 35.26                   | 22000                                                        | 1.00                                   |                 |                       |
| 50                                              | 3560                                             | 29.49                   | 21500                                                        | 1.20                                   |                 |                       |
| 59                                              | 3000                                             | 24.90                   | 20900                                                        | 1.45                                   | R 107<br>RF 107 | 4                     |
| 65                                              | 2730                                             | 22.62                   | 20600                                                        | 1.60                                   |                 |                       |
| 73                                              | 2420                                             | 20.07                   | 20100                                                        | 1.80                                   |                 |                       |
| 80                                              | 2200                                             | 18.21                   | 19700                                                        | 1.95                                   |                 |                       |
| 94                                              | 1890                                             | 15.65                   | 19100                                                        | 2.3                                    |                 |                       |
| 107                                             | 1650                                             | 13.66                   | 18500                                                        | 2.6                                    |                 |                       |
| 126                                             | 1400                                             | 11.59                   | 17800                                                        | 3.1                                    |                 |                       |
| 145                                             | 1220                                             | 10.13                   | 17200                                                        | 3.5                                    |                 |                       |
| 186                                             | 950                                              | 7.86                    | 16300                                                        | 3.1                                    |                 |                       |
| 220                                             | 800                                              | 6.66                    | 15600                                                        | 3.7                                    |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_b$ | 机型号<br>Model     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|------------------|-----------------------|
| 18.5kW                                          |                                                  |                         |                                                              |                                        |                  |                       |
| 73                                              | 2430                                             | 20.14                   | 14900                                                        | 1.05                                   | R 97<br>RF 97    | 4                     |
| 80                                              | 2200                                             | 18.24                   | 14700                                                        | 1.15                                   |                  |                       |
| 91                                              | 1950                                             | 16.17                   | 14500                                                        | 1.25                                   |                  |                       |
| 100                                             | 1760                                             | 14.62                   | 14200                                                        | 1.30                                   |                  |                       |
| 118                                             | 1490                                             | 12.39                   | 13800                                                        | 1.45                                   |                  |                       |
| 135                                             | 1310                                             | 10.83                   | 13500                                                        | 1.60                                   |                  |                       |
| 158                                             | 1120                                             | 9.29                    | 13400                                                        | 1.80                                   |                  |                       |
| 175                                             | 1010                                             | 8.39                    | 13100                                                        | 2.0                                    |                  |                       |
| 206                                             | 860                                              | 7.12                    | 12600                                                        | 2.3                                    |                  |                       |
| 236                                             | 750                                              | 6.21                    | 12100                                                        | 2.5                                    |                  |                       |
| 282                                             | 625                                              | 5.20                    | 11600                                                        | 2.8                                    | R 87<br>RF 87    | 4                     |
| 326                                             | 545                                              | 4.50                    | 11100                                                        | 3.0                                    |                  |                       |
| 110                                             | 1610                                             | 13.33                   | 10600                                                        | 0.80                                   |                  |                       |
| 123                                             | 1440                                             | 11.93                   | 10400                                                        | 0.85                                   |                  |                       |
| 148                                             | 1190                                             | 9.90                    | 10200                                                        | 1.00                                   |                  |                       |
| 160                                             | 1100                                             | 9.14                    | 10600                                                        | 1.10                                   |                  |                       |
| 178                                             | 990                                              | 8.22                    | 10300                                                        | 1.15                                   |                  |                       |
| 205                                             | 860                                              | 7.13                    | 10000                                                        | 1.25                                   |                  |                       |
| 229                                             | 770                                              | 6.39                    | 9770                                                         | 1.30                                   |                  |                       |
| 276                                             | 640                                              | 5.30                    | 9350                                                         | 1.40                                   |                  |                       |
| 349                                             | 505                                              | 4.20                    | 7710                                                         | 1.65                                   | RX 107<br>RXF107 | 4                     |
| 384                                             | 460                                              | 3.81                    | 7580                                                         | 1.80                                   |                  |                       |
| 433                                             | 410                                              | 3.38                    | 7400                                                         | 2.0                                    |                  |                       |
| 477                                             | 370                                              | 3.07                    | 7250                                                         | 2.2                                    |                  |                       |
| 555                                             | 320                                              | 2.64                    | 7010                                                         | 2.6                                    | RX 107<br>RXF107 | 4                     |
| 636                                             | 280                                              | 2.30                    | 6780                                                         | 3.0                                    |                  |                       |
| 750                                             | 235                                              | 1.95                    | 6510                                                         | 3.2                                    |                  |                       |
| 858                                             | 205                                              | 1.71                    | 6290                                                         | 3.4                                    |                  |                       |
| 1015                                            | 174                                              | 1.44                    | 6020                                                         | 3.7                                    |                  |                       |
| 402                                             | 440                                              | 3.64                    | 6060                                                         | 1.35                                   | RX 97<br>RXF97   | 4                     |
| 444                                             | 400                                              | 3.30                    | 5960                                                         | 1.50                                   |                  |                       |
| 501                                             | 355                                              | 2.92                    | 5830                                                         | 1.70                                   |                  |                       |
| 554                                             | 320                                              | 2.64                    | 5710                                                         | 1.85                                   |                  |                       |
| 654                                             | 270                                              | 2.24                    | 5510                                                         | 2.2                                    |                  |                       |
| 749                                             | 235                                              | 1.96                    | 5350                                                         | 2.4                                    |                  |                       |
| 895                                             | 197                                              | 1.64                    | 5120                                                         | 2.6                                    |                  |                       |
| 1035                                            | 171                                              | 1.42                    | 4940                                                         | 2.7                                    |                  |                       |
| 531                                             | 335                                              | 2.76                    | 3040                                                         | 1.20                                   | RX 87<br>RXF87   | 4                     |
| 590                                             | 300                                              | 2.48                    | 3340                                                         | 1.35                                   |                  |                       |
| 680                                             | 260                                              | 2.15                    | 3630                                                         | 1.50                                   |                  |                       |
| 760                                             | 235                                              | 1.93                    | 3820                                                         | 1.55                                   |                  |                       |
| 916                                             | 193                                              | 1.60                    | 3770                                                         | 1.65                                   |                  |                       |
| 1055                                            | 168                                              | 1.39                    | 3670                                                         | 1.75                                   |                  |                       |
| 22kW                                            |                                                  |                         |                                                              |                                        |                  |                       |
| 9.6                                             | 22000                                            | 153.07                  | 120000                                                       | 0.80                                   | R 167<br>RF 167  | 4                     |
| 10                                              | 20100                                            | 139.98                  | 120000                                                       | 0.90                                   |                  |                       |
| 12                                              | 17500                                            | 121.81                  | 120000                                                       | 1.05                                   |                  |                       |
| 14                                              | 15400                                            | 107.49                  | 120000                                                       | 1.15                                   | R 167<br>RF 167  | 4                     |
| 16                                              | 13400                                            | 93.19                   | 120000                                                       | 1.35                                   |                  |                       |
| 18                                              | 11900                                            | 82.91                   | 120000                                                       | 1.50                                   |                  |                       |
| 20                                              | 10600                                            | 73.70                   | 120000                                                       | 1.70                                   |                  |                       |
| 22                                              | 9670                                             | 67.40                   | 120000                                                       | 1.85                                   |                  |                       |
| 25                                              | 8410                                             | 58.65                   | 120000                                                       | 2.1                                    |                  |                       |
| 28                                              | 7420                                             | 51.76                   | 120000                                                       | 2.4                                    |                  |                       |
| 33                                              | 6430                                             | 44.87                   | 120000                                                       | 2.8                                    |                  |                       |
| 13                                              | 15700                                            | 109.31                  | 41300                                                        | 0.85                                   | R 147<br>RF 147  | 4                     |
| 15                                              | 13600                                            | 94.60                   | 61500                                                        | 0.95                                   |                  |                       |
| 18                                              | 12000                                            | 83.47                   | 64600                                                        | 1.10                                   |                  |                       |
| 20                                              | 10300                                            | 72.09                   | 67300                                                        | 1.25                                   |                  |                       |
| 22                                              | 9610                                             | 66.99                   | 68300                                                        | 1.35                                   | R 147<br>RF 147  | 4                     |
| 24                                              | 8760                                             | 61.09                   | 69400                                                        | 1.50                                   |                  |                       |
| 28                                              | 7580                                             | 52.87                   | 70800                                                        | 1.70                                   |                  |                       |
| 31                                              | 6690                                             | 46.65                   | 71600                                                        | 1.95                                   |                  |                       |
| 36                                              | 5780                                             | 40.29                   | 72400                                                        | 2.2                                    |                  |                       |
| 41                                              | 5110                                             | 35.64                   | 72900                                                        | 2.5                                    |                  |                       |
| 49                                              | 4300                                             | 29.95                   | 73400                                                        | 3.0                                    |                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_b$ | 机型号<br>Model      | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|-------------------|-----------------------|
| <b>22kW</b>                                     |                                                |                         |                                                              |                                        |                   |                       |
| 22                                              | 9350                                           | 65.20                   | 46900                                                        | 0.85                                   | R 137<br>RF 137   | 4                     |
| 25                                              | 8480                                           | 59.17                   | 51900                                                        | 0.95                                   |                   |                       |
| 29                                              | 7290                                           | 50.86                   | 54800                                                        | 1.10                                   |                   |                       |
| 33                                              | 6370                                           | 44.39                   | 56500                                                        | 1.25                                   |                   |                       |
| 39                                              | 5400                                           | 37.65                   | 57900                                                        | 1.50                                   | R 137<br>RF 137   | 4                     |
| 45                                              | 4720                                           | 32.91                   | 58700                                                        | 1.70                                   |                   |                       |
| 53                                              | 3990                                           | 27.83                   | 59500                                                        | 1.90                                   |                   |                       |
| 50                                              | 4240                                           | 29.57                   | 59300                                                        | 1.85                                   | R 137<br>RF 137   | 4                     |
| 61                                              | 3460                                           | 24.12                   | 60000                                                        | 2.3                                    |                   |                       |
| 67                                              | 3150                                           | 22.00                   | 60200                                                        | 2.5                                    |                   |                       |
| 77                                              | 2730                                           | 19.04                   | 60500                                                        | 2.9                                    |                   |                       |
| 87                                              | 2410                                           | 16.80                   | 60700                                                        | 3.3                                    | R 137<br>RF 137   | 4                     |
| 101                                             | 2080                                           | 14.51                   | 60900                                                        | 3.8                                    |                   |                       |
| 114                                             | 1840                                           | 12.83                   | 61000                                                        | 4.3                                    |                   |                       |
| 42                                              | 5060                                           | 35.26                   | 7280                                                         | 0.85                                   | R 107<br>RF 107   | 4                     |
| 50                                              | 4230                                           | 29.49                   | 20400                                                        | 1.00                                   |                   |                       |
| 59                                              | 3570                                           | 24.90                   | 20000                                                        | 1.20                                   | R 107<br>RF 107   | 4                     |
| 65                                              | 3240                                           | 22.62                   | 19700                                                        | 1.35                                   |                   |                       |
| 73                                              | 2880                                           | 20.07                   | 19300                                                        | 1.50                                   |                   |                       |
| 80                                              | 2610                                           | 18.21                   | 19000                                                        | 1.65                                   | R 107<br>RF 107   | 4                     |
| 94                                              | 2240                                           | 15.65                   | 18500                                                        | 1.90                                   |                   |                       |
| 107                                             | 1960                                           | 13.66                   | 18000                                                        | 2.2                                    |                   |                       |
| 126                                             | 1660                                           | 11.59                   | 17300                                                        | 2.6                                    |                   |                       |
| 145                                             | 1450                                           | 10.13                   | 16800                                                        | 3.0                                    |                   |                       |
| 171                                             | 1230                                           | 8.56                    | 16100                                                        | 3.5                                    |                   |                       |
| 186                                             | 1130                                           | 7.86                    | 16100                                                        | 2.6                                    |                   |                       |
| 220                                             | 960                                            | 6.66                    | 15400                                                        | 3.1                                    |                   |                       |
| 252                                             | 840                                            | 5.82                    | 14800                                                        | 3.6                                    |                   |                       |
| 73                                              | 2890                                           | 20.14                   | 14000                                                        | 0.90                                   | R 97<br>RF 97     | 4                     |
| 80                                              | 2620                                           | 18.24                   | 13900                                                        | 0.95                                   |                   |                       |
| 91                                              | 2320                                           | 16.17                   | 13700                                                        | 1.05                                   |                   |                       |
| 100                                             | 2100                                           | 14.62                   | 13600                                                        | 1.10                                   |                   |                       |
| 118                                             | 1780                                           | 12.39                   | 13200                                                        | 1.25                                   | R 97<br>RF 97     | 4                     |
| 135                                             | 1550                                           | 10.83                   | 13000                                                        | 1.35                                   |                   |                       |
| 158                                             | 1330                                           | 9.29                    | 13100                                                        | 1.50                                   |                   |                       |
| 175                                             | 1200                                           | 8.39                    | 12800                                                        | 1.70                                   |                   |                       |
| 206                                             | 1020                                           | 7.12                    | 12300                                                        | 1.95                                   |                   |                       |
| 236                                             | 890                                            | 6.21                    | 11900                                                        | 2.1                                    |                   |                       |
| 282                                             | 745                                            | 5.20                    | 11400                                                        | 2.4                                    |                   |                       |
| 326                                             | 645                                            | 4.50                    | 10900                                                        | 2.5                                    |                   |                       |
| 148                                             | 1420                                           | 9.90                    | 9640                                                         | 0.85                                   | R 87<br>RF 87     | 4                     |
| 160                                             | 1310                                           | 9.14                    | 10100                                                        | 0.90                                   |                   |                       |
| 178                                             | 1180                                           | 8.22                    | 9960                                                         | 1.00                                   |                   |                       |
| 205                                             | 1020                                           | 7.13                    | 9700                                                         | 1.05                                   |                   |                       |
| 229                                             | 920                                            | 6.39                    | 9490                                                         | 1.10                                   |                   |                       |
| 276                                             | 760                                            | 5.30                    | 9110                                                         | 1.20                                   |                   |                       |
| 349                                             | 600                                            | 4.20                    | 7330                                                         | 1.40                                   | RX 107<br>RXF 107 | 4                     |
| 384                                             | 545                                            | 3.81                    | 7230                                                         | 1.50                                   |                   |                       |
| 433                                             | 485                                            | 3.38                    | 7090                                                         | 1.70                                   |                   |                       |
| 477                                             | 440                                            | 3.07                    | 6960                                                         | 1.90                                   |                   |                       |
| 555                                             | 380                                            | 2.64                    | 6760                                                         | 2.2                                    |                   |                       |
| 636                                             | 330                                            | 2.30                    | 6560                                                         | 2.5                                    | RX 107<br>RXF 107 | 4                     |
| 750                                             | 280                                            | 1.95                    | 6320                                                         | 2.7                                    |                   |                       |
| 858                                             | 245                                            | 1.71                    | 6120                                                         | 2.9                                    |                   |                       |
| 1015                                            | 205                                            | 1.44                    | 5870                                                         | 3.1                                    |                   |                       |
| 402                                             | 520                                            | 3.64                    | 5720                                                         | 1.15                                   | RX 97<br>RXF 97   | 4                     |
| 444                                             | 475                                            | 3.30                    | 5620                                                         | 1.25                                   |                   |                       |
| 501                                             | 420                                            | 2.92                    | 5560                                                         | 1.40                                   |                   |                       |
| 554                                             | 380                                            | 2.64                    | 5460                                                         | 1.55                                   |                   |                       |
| 654                                             | 320                                            | 2.24                    | 5300                                                         | 1.85                                   |                   |                       |
| 749                                             | 280                                            | 1.96                    | 5160                                                         | 2.0                                    |                   |                       |
| 895                                             | 235                                            | 1.64                    | 4960                                                         | 2.2                                    |                   |                       |
| 1035                                            | 205                                            | 1.42                    | 4790                                                         | 2.2                                    |                   |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{rs}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| <b>22kW</b>                                     |                                                  |                         |                                                              |                                        |                 |                       |
| 531                                             | 395                                              | 2.76                    | 1270                                                         | 1.00                                   | RX 87<br>RXF 87 | 4                     |
| 590                                             | 355                                              | 2.48                    | 1710                                                         | 1.15                                   |                 |                       |
| 680                                             | 310                                              | 2.15                    | 2160                                                         | 1.25                                   |                 |                       |
| 760                                             | 275                                              | 1.93                    | 2450                                                         | 1.30                                   |                 |                       |
| 916                                             | 230                                              | 1.60                    | 2750                                                         | 1.35                                   |                 |                       |
| 1055                                            | 200                                              | 1.39                    | 3030                                                         | 1.45                                   |                 |                       |
| <b>30kW</b>                                     |                                                  |                         |                                                              |                                        |                 |                       |
| 14                                              | 20900                                            | 107.49                  | 120000                                                       | 0.85                                   | R 167           | 4                     |
| 16                                              | 18200                                            | 93.19                   | 120000                                                       | 1.00                                   | RF 167          | 4                     |
| 18                                              | 16200                                            | 82.91                   | 120000                                                       | 1.10                                   |                 |                       |
| 20                                              | 14400                                            | 73.70                   | 120000                                                       | 1.25                                   | R 167<br>RF 167 | 4                     |
| 22                                              | 13100                                            | 67.40                   | 120000                                                       | 1.35                                   |                 |                       |
| 25                                              | 11400                                            | 58.65                   | 120000                                                       | 1.55                                   |                 |                       |
| 28                                              | 10100                                            | 51.76                   | 120000                                                       | 1.80                                   |                 |                       |
| 33                                              | 8740                                             | 44.87                   | 120000                                                       | 2.1                                    |                 |                       |
| 37                                              | 7780                                             | 39.92                   | 120000                                                       | 2.3                                    |                 |                       |
| 43                                              | 6710                                             | 34.41                   | 120000                                                       | 2.7                                    |                 |                       |
| 53                                              | 5450                                             | 27.96                   | 120000                                                       | 3.3                                    |                 |                       |
| 62                                              | 4620                                             | 23.71                   | 120000                                                       | 3.9                                    |                 |                       |
| 18                                              | 16300                                            | 83.47                   | 32400                                                        | 0.80                                   | R 147<br>RF 147 | 4                     |
| 20                                              | 14000                                            | 72.09                   | 60400                                                        | 0.95                                   |                 |                       |
| 22                                              | 13100                                            | 66.99                   | 62500                                                        | 1.00                                   |                 |                       |
| 24                                              | 11900                                            | 61.09                   | 64700                                                        | 1.10                                   |                 |                       |
| 28                                              | 10300                                            | 52.87                   | 67300                                                        | 1.25                                   | R 147<br>RF 147 | 4                     |
| 32                                              | 9090                                             | 46.65                   | 69000                                                        | 1.45                                   |                 |                       |
| 36                                              | 7850                                             | 40.29                   | 70500                                                        | 1.65                                   |                 |                       |
| 41                                              | 6950                                             | 35.64                   | 71400                                                        | 1.85                                   |                 |                       |
| 49                                              | 5840                                             | 29.95                   | 72300                                                        | 2.2                                    |                 |                       |
| 61                                              | 4710                                             | 24.19                   | 73100                                                        | 2.5                                    |                 |                       |
| 72                                              | 3980                                             | 20.44                   | 73600                                                        | 3.0                                    | R 147<br>RF 147 | 4                     |
| 82                                              | 3510                                             | 18.04                   | 73800                                                        | 3.0                                    |                 |                       |
| 94                                              | 3050                                             | 15.64                   | 74000                                                        | 4.3                                    |                 |                       |
| 29                                              | 9910                                             | 50.86                   | 35800                                                        | 0.80                                   | R 137<br>RF 137 | 4                     |
| 33                                              | 8650                                             | 44.39                   | 51200                                                        | 0.90                                   |                 |                       |
| 39                                              | 7340                                             | 37.65                   | 54700                                                        | 1.10                                   |                 |                       |
| 45                                              | 6410                                             | 32.91                   | 56400                                                        | 1.25                                   |                 |                       |
| 53                                              | 5420                                             | 27.83                   | 57900                                                        | 1.40                                   |                 |                       |
| 61                                              | 4700                                             | 24.12                   | 58800                                                        | 1.70                                   | R 137<br>RF 137 | 4                     |
| 67                                              | 4290                                             | 22.00                   | 59200                                                        | 1.85                                   |                 |                       |
| 77                                              | 3710                                             | 19.04                   | 59800                                                        | 2.2                                    |                 |                       |
| 88                                              | 3270                                             | 16.80                   | 60100                                                        | 2.4                                    |                 |                       |
| 101                                             | 2830                                             | 14.51                   | 59500                                                        | 2.8                                    | R 137<br>RF 137 | 4                     |
| 115                                             | 2500                                             | 12.83                   | 58400                                                        | 3.2                                    |                 |                       |
| 136                                             | 2100                                             | 10.79                   | 56600                                                        | 3.8                                    |                 |                       |
| 194                                             | 1480                                             | 7.59                    | 53300                                                        | 3.5                                    |                 |                       |
| 230                                             | 1240                                             | 6.38                    | 51300                                                        | 4.1                                    |                 |                       |
| 73                                              | 3910                                             | 20.07                   | 17600                                                        | 1.10                                   | R 107<br>RF 107 | 4                     |
| 81                                              | 3550                                             | 18.21                   | 17400                                                        | 1.20                                   |                 |                       |
| 94                                              | 3050                                             | 15.65                   | 17100                                                        | 1.40                                   |                 |                       |
| 108                                             | 2660                                             | 13.66                   | 16800                                                        | 1.60                                   |                 |                       |
| 127                                             | 2260                                             | 11.59                   | 16300                                                        | 1.90                                   |                 |                       |
| 145                                             | 1970                                             | 10.13                   | 15900                                                        | 2.2                                    |                 |                       |
| 172                                             | 1670                                             | 8.56                    | 15400                                                        | 2.6                                    |                 |                       |
| 187                                             | 1530                                             | 7.86                    | 15500                                                        | 1.95                                   |                 |                       |
| 221                                             | 1300                                             | 6.66                    | 14900                                                        | 2.3                                    |                 |                       |
| 252                                             | 1140                                             | 5.82                    | 14400                                                        | 2.6                                    |                 |                       |
| 299                                             | 960                                              | 4.92                    | 13700                                                        | 3.0                                    |                 |                       |
| 101                                             | 2850                                             | 14.62                   | 12000                                                        | 0.80                                   | R 97<br>RF 97   | 4                     |
| 119                                             | 2420                                             | 12.39                   | 11900                                                        | 0.90                                   |                 |                       |
| 136                                             | 2110                                             | 10.83                   | 11800                                                        | 1.00                                   |                 |                       |
| 158                                             | 1810                                             | 9.29                    | 12300                                                        | 1.10                                   |                 |                       |
| 175                                             | 1640                                             | 8.39                    | 12100                                                        | 1.25                                   |                 |                       |
| 207                                             | 1390                                             | 7.12                    | 11700                                                        | 1.45                                   | R 97<br>RF 97   | 4                     |
| 237                                             | 1210                                             | 6.21                    | 11400                                                        | 1.55                                   |                 |                       |
| 283                                             | 1010                                             | 5.20                    | 10900                                                        | 1.75                                   |                 |                       |
| 327                                             | 880                                              | 4.50                    | 10500                                                        | 1.85                                   |                 |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Rg}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_b$ | 机型号<br>Model     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|------------------|-----------------------|
| 30kW                                            |                                                  |                         |                                                              |                                        |                  |                       |
| 434                                             | 660                                              | 3.38                    | 6370                                                         | 1.25                                   | RX 107<br>RXF107 | 4                     |
| 479                                             | 600                                              | 3.07                    | 6310                                                         | 1.40                                   |                  |                       |
| 557                                             | 515                                              | 2.64                    | 6180                                                         | 1.60                                   |                  |                       |
| 638                                             | 450                                              | 2.30                    | 6050                                                         | 1.85                                   |                  |                       |
| 752                                             | 380                                              | 1.95                    | 5870                                                         | 2.0                                    |                  |                       |
| 860                                             | 335                                              | 1.71                    | 5720                                                         | 2.1                                    |                  |                       |
| 1020                                            | 280                                              | 1.44                    | 5520                                                         | 2.3                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 503                                             | 570                                              | 2.92                    | 3120                                                         | 1.05                                   | RX 97<br>RXF 97  | 4                     |
| 556                                             | 515                                              | 2.64                    | 3560                                                         | 1.15                                   |                  |                       |
| 656                                             | 435                                              | 2.24                    | 4050                                                         | 1.35                                   |                  |                       |
| 751                                             | 380                                              | 1.96                    | 4450                                                         | 1.50                                   |                  |                       |
| 898                                             | 320                                              | 1.64                    | 4580                                                         | 1.60                                   |                  |                       |
| 1040                                            | 275                                              | 1.42                    | 4450                                                         | 1.65                                   |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 37kW                                            |                                                  |                         |                                                              |                                        |                  |                       |
| 16                                              | 22400                                            | 93.19                   | 120000                                                       | 0.80                                   | R 167<br>RF 167  | 4                     |
| 18                                              | 19900                                            | 82.91                   | 120000                                                       | 0.90                                   |                  |                       |
| 20                                              | 17700                                            | 73.70                   | 120000                                                       | 1.00                                   |                  |                       |
| 22                                              | 16200                                            | 67.40                   | 120000                                                       | 1.10                                   |                  |                       |
| 25                                              | 14100                                            | 58.65                   | 120000                                                       | 1.30                                   |                  |                       |
| 28                                              | 12400                                            | 51.76                   | 120000                                                       | 1.45                                   |                  |                       |
| 33                                              | 10800                                            | 44.87                   | 120000                                                       | 1.65                                   |                  |                       |
| 37                                              | 9600                                             | 39.92                   | 120000                                                       | 1.90                                   |                  |                       |
| 43                                              | 8270                                             | 34.41                   | 120000                                                       | 2.2                                    |                  |                       |
| 53                                              | 6720                                             | 27.96                   | 120000                                                       | 2.7                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 48                                              | 7380                                             | 30.71                   | 120000                                                       | 1.35                                   | R 167<br>RF 167  | 4                     |
| 60                                              | 5900                                             | 24.57                   | 120000                                                       | 2.4                                    |                  |                       |
| 67                                              | 5250                                             | 21.85                   | 120000                                                       | 2.5                                    |                  |                       |
| 77                                              | 4580                                             | 19.03                   | 120000                                                       | 3.5                                    |                  |                       |
| 87                                              | 4080                                             | 16.98                   | 120000                                                       | 3.7                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 22                                              | 16100                                            | 66.99                   | 35000                                                        | 0.80                                   | R 147<br>RF 147  | 4                     |
| 24                                              | 14700                                            | 61.09                   | 54200                                                        | 0.90                                   |                  |                       |
| 28                                              | 12700                                            | 52.87                   | 63200                                                        | 1.00                                   |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 32                                              | 11200                                            | 46.65                   | 65900                                                        | 1.15                                   | R 147<br>RF 147  | 4                     |
| 36                                              | 9680                                             | 40.29                   | 68200                                                        | 1.35                                   |                  |                       |
| 41                                              | 8570                                             | 35.64                   | 69700                                                        | 1.50                                   |                  |                       |
| 49                                              | 7200                                             | 29.95                   | 71100                                                        | 1.80                                   |                  |                       |
| 61                                              | 5810                                             | 24.19                   | 72400                                                        | 2.0                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 72                                              | 4910                                             | 20.44                   | 73000                                                        | 2.4                                    | R 147<br>RF 147  | 4                     |
| 82                                              | 4340                                             | 18.04                   | 73400                                                        | 2.4                                    |                  |                       |
| 94                                              | 3760                                             | 15.64                   | 73700                                                        | 3.5                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 106                                             | 3340                                             | 13.91                   | 73900                                                        | 3.8                                    | R 147<br>RF 147  | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 39                                              | 9050                                             | 37.65                   | 49400                                                        | 0.90                                   | R 137<br>RF 137  | 4                     |
| 45                                              | 7910                                             | 32.91                   | 53600                                                        | 1.00                                   |                  |                       |
| 53                                              | 6690                                             | 27.83                   | 55900                                                        | 1.15                                   |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 61                                              | 5800                                             | 24.12                   | 57300                                                        | 1.40                                   | R 137<br>RF 137  | 4                     |
| 67                                              | 5290                                             | 22.00                   | 58000                                                        | 1.50                                   |                  |                       |
| 77                                              | 4580                                             | 19.04                   | 57800                                                        | 1.75                                   |                  |                       |
| 88                                              | 4040                                             | 16.80                   | 57300                                                        | 2.0                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 101                                             | 3490                                             | 14.51                   | 56600                                                        | 2.3                                    | R 137<br>RF 137  | 4                     |
| 115                                             | 3080                                             | 12.83                   | 55800                                                        | 2.6                                    |                  |                       |
| 136                                             | 2590                                             | 10.79                   | 54400                                                        | 3.1                                    |                  |                       |
| 169                                             | 2090                                             | 8.71                    | 52600                                                        | 3.7                                    |                  |                       |
| 194                                             | 1820                                             | 7.59                    | 51900                                                        | 2.8                                    |                  |                       |
| 230                                             | 1530                                             | 6.38                    | 50100                                                        | 3.3                                    |                  |                       |
| 285                                             | 1240                                             | 5.15                    | 47800                                                        | 3.7                                    |                  |                       |
|                                                 |                                                  |                         |                                                              |                                        |                  |                       |
| 73                                              | 4820                                             | 20.07                   | 16100                                                        | 0.90                                   | R 107<br>RF 107  | 4                     |
| 81                                              | 4380                                             | 18.21                   | 16100                                                        | 1.00                                   |                  |                       |
| 94                                              | 3760                                             | 15.65                   | 15900                                                        | 1.15                                   |                  |                       |
| 108                                             | 3280                                             | 13.66                   | 15700                                                        | 1.30                                   |                  |                       |
| 127                                             | 2790                                             | 11.59                   | 15400                                                        | 1.55                                   |                  |                       |
| 145                                             | 2430                                             | 10.13                   | 15100                                                        | 1.75                                   |                  |                       |
| 172                                             | 2060                                             | 8.56                    | 14700                                                        | 2.1                                    |                  |                       |
| 187                                             | 1890                                             | 7.86                    | 15000                                                        | 1.55                                   |                  |                       |
| 221                                             | 1600                                             | 6.66                    | 14400                                                        | 1.85                                   |                  |                       |
| 252                                             | 1400                                             | 5.82                    | 14000                                                        | 2.1                                    |                  |                       |
| 299                                             | 1180                                             | 4.92                    | 13400                                                        | 2.5                                    |                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{R1}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model      | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-------------------|-----------------------|
| <b>37kW</b>                                     |                                                  |                       |                                                              |                                        |                   |                       |
| 434                                             | 810                                              | 3.38                  | 4470                                                         | 1.00                                   | RX 107<br>RXF 107 | 4                     |
| 479                                             | 740                                              | 3.07                  | 4950                                                         | 1.10                                   |                   | 4                     |
| 557                                             | 635                                              | 2.64                  | 5530                                                         | 1.30                                   |                   |                       |
| 638                                             | 555                                              | 2.30                  | 5610                                                         | 1.50                                   |                   |                       |
| 752                                             | 470                                              | 1.95                  | 5490                                                         | 1.65                                   |                   |                       |
| 860                                             | 410                                              | 1.71                  | 5370                                                         | 1.70                                   |                   |                       |
| 1020                                            | 345                                              | 1.44                  | 5220                                                         | 1.85                                   |                   |                       |
| <b>45kW</b>                                     |                                                  |                       |                                                              |                                        |                   |                       |
| 20                                              | 21500                                            | 73.77                 | 120000                                                       | 0.85                                   | R 167<br>RF 167   | 4                     |
| 22                                              | 19700                                            | 67.40                 | 120000                                                       | 0.90                                   |                   | 4                     |
| 25                                              | 17100                                            | 58.65                 | 120000                                                       | 1.05                                   |                   |                       |
| 28                                              | 15100                                            | 51.76                 | 120000                                                       | 1.20                                   |                   |                       |
| 33                                              | 13100                                            | 44.87                 | 120000                                                       | 1.35                                   | R 167<br>RF 167   | 4                     |
| 37                                              | 11700                                            | 39.92                 | 120000                                                       | 1.55                                   |                   | 4                     |
| 43                                              | 10100                                            | 34.41                 | 120000                                                       | 1.80                                   |                   |                       |
| 53                                              | 8170                                             | 27.96                 | 120000                                                       | 2.2                                    |                   |                       |
| 62                                              | 6930                                             | 23.71                 | 120000                                                       | 2.6                                    |                   |                       |
| 48                                              | 8980                                             | 30.71                 | 120000                                                       | 1.10                                   | R 167<br>RF 167   | 4                     |
| 60                                              | 7180                                             | 24.57                 | 120000                                                       | 1.95                                   |                   | 4                     |
| 67                                              | 6390                                             | 21.85                 | 120000                                                       | 2.0                                    |                   |                       |
| 77                                              | 5560                                             | 19.03                 | 120000                                                       | 2.9                                    |                   |                       |
| 87                                              | 4960                                             | 16.98                 | 120000                                                       | 3.0                                    |                   |                       |
| 28                                              | 15500                                            | 52.87                 | 44400                                                        | 0.85                                   | R 147<br>RF 147   | 4                     |
| 32                                              | 13600                                            | 46.65                 | 61300                                                        | 0.95                                   |                   |                       |
| 36                                              | 11800                                            | 40.29                 | 65000                                                        | 1.10                                   |                   |                       |
| 41                                              | 10400                                            | 35.64                 | 67200                                                        | 1.25                                   |                   |                       |
| 49                                              | 8760                                             | 29.95                 | 69400                                                        | 1.50                                   |                   |                       |
| 61                                              | 7070                                             | 24.19                 | 71300                                                        | 1.70                                   |                   |                       |
| 72                                              | 5970                                             | 20.44                 | 72200                                                        | 2.0                                    | R 147<br>RF 147   | 4                     |
| 82                                              | 5270                                             | 18.04                 | 72800                                                        | 2.0                                    |                   |                       |
| 94                                              | 4570                                             | 15.64                 | 73200                                                        | 2.8                                    |                   |                       |
| 106                                             | 4070                                             | 13.91                 | 73500                                                        | 3.1                                    |                   |                       |
| 123                                             | 3510                                             | 11.99                 | 73800                                                        | 3.7                                    |                   |                       |
| 203                                             | 2120                                             | 7.25                  | 74300                                                        | 4.1                                    |                   |                       |
| 45                                              | 9620                                             | 32.91                 | 41700                                                        | 0.85                                   | R 137<br>RF 137   | 4                     |
| 53                                              | 8130                                             | 27.83                 | 51200                                                        | 0.95                                   |                   |                       |
| 61                                              | 7050                                             | 24.12                 | 52400                                                        | 1.15                                   | R 137<br>RF 137   | 4                     |
| 67                                              | 6430                                             | 22.00                 | 52900                                                        | 1.25                                   |                   |                       |
| 77                                              | 5570                                             | 19.04                 | 53300                                                        | 1.45                                   |                   |                       |
| 88                                              | 4910                                             | 16.80                 | 53400                                                        | 1.65                                   |                   |                       |
| 101                                             | 4240                                             | 14.51                 | 53200                                                        | 1.90                                   | R 137<br>RF 137   | 4                     |
| 115                                             | 3750                                             | 12.83                 | 52800                                                        | 2.1                                    |                   |                       |
| 136                                             | 3150                                             | 10.79                 | 51900                                                        | 2.5                                    |                   |                       |
| 169                                             | 2550                                             | 8.71                  | 50500                                                        | 3.1                                    |                   |                       |
| 194                                             | 2220                                             | 7.59                  | 50200                                                        | 2.3                                    |                   |                       |
| 230                                             | 1860                                             | 6.38                  | 48700                                                        | 2.7                                    |                   |                       |
| 285                                             | 1510                                             | 5.15                  | 46700                                                        | 3.0                                    |                   |                       |
| 94                                              | 4580                                             | 15.65                 | 14600                                                        | 0.95                                   | R 107<br>RF 107   | 4                     |
| 108                                             | 3990                                             | 13.66                 | 14600                                                        | 1.10                                   |                   |                       |
| 127                                             | 3390                                             | 11.59                 | 14400                                                        | 1.25                                   |                   |                       |
| 145                                             | 2960                                             | 10.13                 | 14300                                                        | 1.45                                   |                   |                       |
| 172                                             | 2500                                             | 8.56                  | 14000                                                        | 1.70                                   |                   |                       |
| 187                                             | 2300                                             | 7.86                  | 14400                                                        | 1.30                                   |                   |                       |
| 221                                             | 1950                                             | 6.66                  | 14000                                                        | 1.50                                   |                   |                       |
| 252                                             | 1700                                             | 5.82                  | 13600                                                        | 1.75                                   |                   |                       |
| 299                                             | 1440                                             | 4.92                  | 13100                                                        | 2.0                                    |                   |                       |
| 434                                             | 990                                              | 3.38                  | 1360                                                         | 0.85                                   | RX 107<br>RXF 107 | 4                     |
| 479                                             | 900                                              | 3.07                  | 2080                                                         | 0.90                                   |                   |                       |
| 557                                             | 770                                              | 2.64                  | 2970                                                         | 1.10                                   |                   |                       |
| 638                                             | 675                                              | 2.30                  | 3640                                                         | 1.25                                   |                   |                       |
| 752                                             | 570                                              | 1.95                  | 4200                                                         | 1.35                                   |                   |                       |
| 860                                             | 500                                              | 1.71                  | 4540                                                         | 1.40                                   |                   |                       |
| 1020                                            | 420                                              | 1.44                  | 4880                                                         | 1.55                                   |                   |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{R1}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|-----------------|-----------------------|
| 55kW                                            |                                                  |                       |                                                              |                                        |                 |                       |
| 25                                              | 20900                                            | 58.65                 | 120000                                                       | 0.85                                   | R 167<br>RF 167 | 4                     |
| 29                                              | 18400                                            | 51.76                 | 120000                                                       | 1.00                                   |                 |                       |
| 33                                              | 16000                                            | 44.87                 | 120000                                                       | 1.15                                   |                 |                       |
| 37                                              | 14200                                            | 39.92                 | 120000                                                       | 1.25                                   |                 |                       |
| 43                                              | 12300                                            | 34.41                 | 120000                                                       | 1.45                                   |                 |                       |
| 53                                              | 9960                                             | 27.96                 | 120000                                                       | 1.80                                   |                 |                       |
| 62                                              | 8440                                             | 23.71                 | 120000                                                       | 2.1                                    |                 |                       |
| 60                                              | 8750                                             | 24.57                 | 120000                                                       | 1.60                                   | R 167<br>RF 167 | 4                     |
| 68                                              | 7780                                             | 21.85                 | 120000                                                       | 1.65                                   |                 |                       |
| 77                                              | 6780                                             | 19.03                 | 120000                                                       | 2.4                                    |                 |                       |
| 87                                              | 6050                                             | 16.98                 | 120000                                                       | 2.5                                    | R 167<br>RF 167 | 4                     |
| 102                                             | 5150                                             | 14.48                 | 120000                                                       | 3.5                                    |                 |                       |
| 123                                             | 4270                                             | 11.99                 | 120000                                                       | 4.0                                    |                 |                       |
| 32                                              | 16600                                            | 46.65                 | 26600                                                        | 0.80                                   | R 147<br>RF 147 | 4                     |
| 37                                              | 14300                                            | 40.29                 | 58200                                                        | 0.90                                   |                 |                       |
| 41                                              | 12700                                            | 35.64                 | 63300                                                        | 1.00                                   |                 |                       |
| 49                                              | 10700                                            | 29.95                 | 66800                                                        | 1.20                                   |                 |                       |
| 61                                              | 8610                                             | 24.19                 | 69600                                                        | 1.40                                   |                 |                       |
| 72                                              | 7280                                             | 20.44                 | 71100                                                        | 1.65                                   | R 147<br>RF 147 | 4                     |
| 82                                              | 6420                                             | 18.04                 | 71900                                                        | 1.65                                   |                 |                       |
| 94                                              | 5570                                             | 15.64                 | 72500                                                        | 2.3                                    |                 |                       |
| 106                                             | 4950                                             | 13.91                 | 73000                                                        | 2.5                                    |                 |                       |
| 123                                             | 4270                                             | 11.99                 | 73400                                                        | 3.0                                    | R 147<br>RF 147 | 4                     |
| 151                                             | 3470                                             | 9.74                  | 73800                                                        | 3.8                                    |                 |                       |
| 203                                             | 2580                                             | 7.25                  | 74200                                                        | 3.4                                    |                 |                       |
| 250                                             | 2100                                             | 5.89                  | 72500                                                        | 4.1                                    |                 |                       |
| 77                                              | 6780                                             | 19.04                 | 47800                                                        | 1.20                                   | R 137<br>RF 137 | 4                     |
| 88                                              | 5980                                             | 16.80                 | 48500                                                        | 1.35                                   |                 |                       |
| 102                                             | 5170                                             | 14.51                 | 48900                                                        | 1.55                                   |                 |                       |
| 115                                             | 4570                                             | 12.83                 | 49000                                                        | 1.75                                   | R 137<br>RF 137 | 4                     |
| 137                                             | 3840                                             | 10.79                 | 48800                                                        | 2.1                                    |                 |                       |
| 169                                             | 3100                                             | 8.71                  | 48000                                                        | 2.5                                    |                 |                       |
| 194                                             | 2700                                             | 7.59                  | 48100                                                        | 1.90                                   |                 |                       |
| 231                                             | 2270                                             | 6.38                  | 46900                                                        | 2.2                                    |                 |                       |
| 286                                             | 1830                                             | 5.15                  | 45200                                                        | 2.5                                    |                 |                       |
| 75kW                                            |                                                  |                       |                                                              |                                        |                 |                       |
| 33                                              | 21700                                            | 44.87                 | 120000                                                       | 0.85                                   | R 167<br>RF 167 | 4                     |
| 37                                              | 19300                                            | 39.92                 | 120000                                                       | 0.95                                   |                 |                       |
| 43                                              | 16700                                            | 34.41                 | 120000                                                       | 1.10                                   |                 |                       |
| 53                                              | 13500                                            | 27.96                 | 120000                                                       | 1.35                                   |                 |                       |
| 62                                              | 11500                                            | 23.71                 | 120000                                                       | 1.55                                   |                 |                       |
| 60                                              | 11900                                            | 24.57                 | 120000                                                       | 1.20                                   | R 167<br>RF 167 | 4                     |
| 68                                              | 10600                                            | 21.85                 | 120000                                                       | 1.25                                   |                 |                       |
| 78                                              | 9210                                             | 19.03                 | 120000                                                       | 1.75                                   |                 |                       |
| 87                                              | 8220                                             | 16.98                 | 120000                                                       | 1.85                                   | R 167<br>RF 167 | 4                     |
| 102                                             | 7000                                             | 14.48                 | 120000                                                       | 2.6                                    |                 |                       |
| 123                                             | 5800                                             | 11.99                 | 116600                                                       | 2.9                                    |                 |                       |
| 145                                             | 4950                                             | 10.24                 | 112800                                                       | 3.4                                    |                 |                       |
| 49                                              | 14500                                            | 29.95                 | 56500                                                        | 0.90                                   | R 147<br>RF 147 | 4                     |
| 61                                              | 11700                                            | 24.19                 | 65100                                                        | 1.00                                   |                 |                       |
| 72                                              | 9890                                             | 20.44                 | 67900                                                        | 1.20                                   | R 147<br>RF 147 | 4                     |
| 82                                              | 8730                                             | 18.04                 | 69500                                                        | 1.20                                   |                 |                       |
| 95                                              | 7570                                             | 15.64                 | 70800                                                        | 1.70                                   |                 |                       |
| 106                                             | 6730                                             | 13.91                 | 71600                                                        | 1.85                                   |                 |                       |
| 123                                             | 5800                                             | 11.99                 | 72400                                                        | 2.2                                    | R 147<br>RF 147 | 4                     |
| 152                                             | 4710                                             | 9.74                  | 73100                                                        | 2.8                                    |                 |                       |
| 179                                             | 4000                                             | 8.26                  | 73500                                                        | 3.2                                    |                 |                       |
| 204                                             | 3510                                             | 7.25                  | 73100                                                        | 2.5                                    |                 |                       |
| 251                                             | 2850                                             | 5.89                  | 70100                                                        | 3.0                                    |                 |                       |
| 296                                             | 2420                                             | 5.00                  | 67600                                                        | 3.6                                    |                 |                       |
| 90kW                                            |                                                  |                       |                                                              |                                        |                 |                       |
| 37                                              | 23200                                            | 39.92                 | 120000                                                       | 0.80                                   | R 167<br>RF 167 | 4                     |
| 43                                              | 20000                                            | 34.41                 | 120000                                                       | 0.90                                   |                 |                       |
| 53                                              | 16200                                            | 27.96                 | 120000                                                       | 1.10                                   |                 |                       |
| 62                                              | 13800                                            | 23.71                 | 120000                                                       | 1.30                                   |                 |                       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>s</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>s</sub><br>[N · m] | 传动<br>比<br>Ratio<br><br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>a</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>s</sub> | 机型号<br><br>Model | 电机<br>极数<br><br>Pole<br><br>P |
|----------------------------------------------------------|-----------------------------------------------------------|---------------------------|--------------------------------------------------------------------|-------------------------------------------------|------------------|-------------------------------|
| 90kW                                                     |                                                           |                           |                                                                    |                                                 |                  |                               |
| 60                                                       | 14300                                                     | 24.57                     | 120000                                                             | 1.00                                            | R 167<br>RF167   | 4                             |
| 68                                                       | 12700                                                     | 21.85                     | 120000                                                             | 1.00                                            |                  | 4                             |
| 78                                                       | 11100                                                     | 19.03                     | 120000                                                             | 1.45                                            |                  |                               |
| 87                                                       | 9860                                                      | 16.98                     | 120000                                                             | 1.50                                            | R 167<br>RF167   | 4                             |
| 102                                                      | 8410                                                      | 14.48                     | 117300                                                             | 2.1                                             |                  |                               |
| 123                                                      | 6960                                                      | 11.99                     | 113500                                                             | 2.4                                             |                  |                               |
| 145                                                      | 5940                                                      | 10.24                     | 110100                                                             | 2.9                                             |                  |                               |
| 72                                                       | 11900                                                     | 20.44                     | 64800                                                              | 1.00                                            | R 147<br>RF147   | 4                             |
| 82                                                       | 10500                                                     | 18.04                     | 67100                                                              | 1.00                                            |                  |                               |
| 95                                                       | 9080                                                      | 15.64                     | 69000                                                              | 1.45                                            |                  |                               |
| 106                                                      | 8080                                                      | 13.91                     | 70200                                                              | 1.55                                            |                  |                               |
| 123                                                      | 6960                                                      | 11.99                     | 71400                                                              | 1.85                                            | R 147<br>RF147   | 4                             |
| 152                                                      | 5660                                                      | 9.74                      | 72500                                                              | 2.3                                             |                  |                               |
| 179                                                      | 4800                                                      | 8.26                      | 73000                                                              | 2.7                                             |                  |                               |
| 204                                                      | 4210                                                      | 7.25                      | 70900                                                              | 2.1                                             |                  |                               |
| 251                                                      | 3420                                                      | 5.89                      | 68300                                                              | 2.5                                             |                  |                               |
| 296                                                      | 2900                                                      | 5.00                      | 66100                                                              | 3.0                                             |                  |                               |
|                                                          |                                                           |                           |                                                                    |                                                 |                  |                               |

| 输出<br>转速<br>Output<br>speed<br>n <sub>s</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>s</sub><br>[N · m] | 传动<br>比<br>Ratio<br><br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>0</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>s</sub> | 机型号<br><br>Model | 电机<br>极数<br><br>Pole<br><br>P |
|----------------------------------------------------------|-----------------------------------------------------------|---------------------------|--------------------------------------------------------------------|-------------------------------------------------|------------------|-------------------------------|
| 110kW                                                    |                                                           |                           |                                                                    |                                                 |                  |                               |
| 53                                                       | 19800                                                     | 27.96                     | 117100                                                             | 0.90                                            | R 167            | 4                             |
| 63                                                       | 16800                                                     | 23.71                     | 116900                                                             | 1.05                                            | RF167            | 4                             |
| 78                                                       | 13500                                                     | 19.03                     | 115500                                                             | 1.20                                            | R 167<br>RF167   | 4<br>4                        |
| 87                                                       | 12000                                                     | 16.98                     | 114300                                                             | 1.25                                            |                  |                               |
| 103                                                      | 10200                                                     | 14.48                     | 112200                                                             | 1.75                                            |                  |                               |
| 124                                                      | 8480                                                      | 11.99                     | 109300                                                             | 2.0                                             |                  |                               |
| 145                                                      | 7240                                                      | 10.24                     | 106500                                                             | 2.3                                             |                  |                               |
| 132kW                                                    |                                                           |                           |                                                                    |                                                 |                  |                               |
| 63                                                       | 20100                                                     | 23.71                     | 107900                                                             | 0.90                                            | R 167<br>RF167   | 4<br>4                        |
| 78                                                       | 16200                                                     | 19.03                     | 108300                                                             | 1.00                                            | R 167<br>RF167   | 4<br>4                        |
| 87                                                       | 14400                                                     | 16.98                     | 107800                                                             | 1.05                                            |                  |                               |
| 103                                                      | 12300                                                     | 14.48                     | 106700                                                             | 1.45                                            |                  |                               |
| 124                                                      | 10200                                                     | 11.99                     | 104700                                                             | 1.65                                            |                  |                               |
| 145                                                      | 8690                                                      | 10.24                     | 102600                                                             | 1.95                                            |                  |                               |
| 160kW                                                    |                                                           |                           |                                                                    |                                                 |                  |                               |
| 103                                                      | 14900                                                     | 14.48                     | 99700                                                              | 1.20                                            | R 167<br>RF167   | 4<br>4                        |
| 124                                                      | 12300                                                     | 11.99                     | 98900                                                              | 1.40                                            |                  |                               |
| 145                                                      | 10500                                                     | 10.24                     | 97600                                                              | 1.60                                            |                  |                               |
|                                                          |                                                           |                           |                                                                    |                                                 |                  |                               |

R27/37R17      R47R37       $n_e=1400$  1/min

| R27R17 |                  | 130Nm |     |                    |                 |
|--------|------------------|-------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R27   | R17 |                    |                 |
| 8612   | 0.16             | 3     | 3   | 130                | 4230            |
| 7425   | 0.19             | 3     | 3   | 130                | 4230            |
| 6921   | 0.20             | 3     | 3   | 130                | 4230            |
| 6050   | 0.23             | 3     | 3   | 130                | 4230            |
| 5217   | 0.27             | 3     | 3   | 130                | 4230            |
| 4661   | 0.30             | 3     | 3   | 130                | 4230            |
| 4073   | 0.34             | 3     | 3   | 130                | 4230            |
| 3516   | 0.40             | 3     | 3   | 130                | 4230            |
| 3160   | 0.44             | 3     | 3   | 130                | 4230            |
| 2763   | 0.51             | 3     | 3   | 130                | 4230            |
| 2414   | 0.58             | 3     | 3   | 130                | 4230            |
| 2110   | 0.66             | 3     | 3   | 130                | 4230            |
| 1862   | 0.75             | 3     | 3   | 130                | 4230            |
| 1822   | 0.77             | 2     | 3   | 130                | 4230            |
| 1625   | 0.86             | 3     | 3   | 130                | 4230            |
| 1580   | 0.89             | 2     | 3   | 130                | 4230            |
| 1464   | 0.96             | 2     | 3   | 130                | 4230            |
| 1434   | 0.98             | 3     | 3   | 130                | 4230            |
| 1270   | 1.1              | 2     | 3   | 130                | 4230            |
| 1254   | 1.1              | 3     | 3   | 130                | 4230            |
| 1101   | 1.3              | 3     | 2   | 130                | 4230            |
| 1100   | 1.3              | 2     | 3   | 130                | 4230            |
| 972    | 1.4              | 2     | 3   | 130                | 4230            |
| 962    | 1.5              | 3     | 2   | 130                | 4230            |
| 848    | 1.7              | 3     | 2   | 130                | 4230            |
| 840    | 1.7              | 2     | 3   | 130                | 4230            |
| 743    | 1.9              | 3     | 2   | 130                | 4230            |
| 741    | 1.9              | 2     | 3   | 130                | 4230            |
| 654    | 2.1              | 2     | 3   | 130                | 4230            |
| 649    | 2.2              | 3     | 2   | 130                | 4230            |
| 567    | 2.5              | 3     | 2   | 130                | 4230            |
| 566    | 2.5              | 2     | 3   | 130                | 4230            |
| 509    | 2.8              | 3     | 2   | 130                | 4230            |
| 499    | 2.8              | 2     | 3   | 130                | 4230            |
| 440    | 3.2              | 2     | 2   | 130                | 4230            |
| 432    | 3.2              | 3     | 2   | 130                | 4230            |
| 387    | 3.6              | 3     | 2   | 130                | 4230            |
| 381    | 3.7              | 2     | 2   | 130                | 4230            |
| 339    | 4.1              | 3     | 2   | 130                | 4230            |
| 329    | 4.3              | 2     | 2   | 130                | 4230            |
| 296    | 4.7              | 3     | 2   | 130                | 4230            |
| 290    | 4.8              | 2     | 2   | 130                | 4230            |
| 259    | 5.4              | 3     | 2   | 130                | 4230            |
| 256    | 5.5              | 2     | 2   | 130                | 4230            |
| 229    | 6.1              | 3     | 2   | 130                | 4230            |
| 227    | 6.2              | 2     | 2   | 130                | 4230            |
| 203    | 6.9              | 2     | 2   | 130                | 4230            |
| 200    | 7.0              | 3     | 2   | 130                | 4230            |
| 179    | 7.8              | 2     | 2   | 130                | 4230            |
| 177    | 7.9              | 3     | 2   | 130                | 4230            |
| 166    | 8.4              | 3     | 2   | 130                | 4230            |
| 156    | 9.0              | 2     | 2   | 130                | 4230            |
| 150    | 9.3              | 3     | 2   | 130                | 4230            |
| 141    | 9.9              | 3     | 2   | 130                | 4230            |
| 135    | 10               | 2     | 2   | 130                | 4230            |
| 124    | 11               | 3     | 2   | 130                | 4230            |
| 118    | 12               | 2     | 2   | 130                | 4230            |
| 110    | 13               | 3     | 2   | 130                | 4230            |
| 104    | 13               | 2     | 2   | 130                | 4230            |
| 94     | 15               | 3     | 2   | 130                | 4230            |
| 90     | 16               | 2     | 2   | 130                | 4230            |

| R37R17 |                  | 200Nm |     |                    |                 |
|--------|------------------|-------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R37   | R17 |                    |                 |
| 8595   | 0.16             | 3     | 3   | 200                | 4950            |
| 7411   | 0.19             | 3     | 3   | 200                | 4950            |
| 6907   | 0.20             | 3     | 3   | 200                | 4950            |
| 6038   | 0.23             | 3     | 3   | 200                | 4950            |
| 5206   | 0.27             | 3     | 3   | 200                | 4950            |
| 4654   | 0.30             | 3     | 3   | 200                | 4950            |
| 4065   | 0.34             | 3     | 3   | 200                | 4950            |
| 3658   | 0.38             | 3     | 3   | 200                | 4950            |
| 3154   | 0.44             | 3     | 3   | 200                | 4950            |
| 2757   | 0.51             | 3     | 3   | 200                | 4950            |
| 2409   | 0.58             | 3     | 3   | 200                | 4950            |
| 2106   | 0.66             | 3     | 3   | 200                | 4950            |
| 1856   | 0.75             | 3     | 3   | 200                | 4950            |
| 1818   | 0.77             | 2     | 3   | 200                | 4950            |
| 1622   | 0.86             | 3     | 3   | 200                | 4950            |
| 1576   | 0.89             | 2     | 3   | 200                | 4950            |
| 1431   | 0.98             | 3     | 3   | 200                | 4950            |
| 1359   | 1.0              | 2     | 3   | 200                | 4950            |
| 1267   | 1.1              | 2     | 3   | 200                | 4950            |
| 1251   | 1.1              | 3     | 3   | 200                | 4950            |
| 1099   | 1.3              | 3     | 2   | 200                | 4950            |
| 1098   | 1.3              | 2     | 3   | 200                | 4950            |
| 970    | 1.4              | 2     | 3   | 200                | 4950            |
| 960    | 1.5              | 3     | 2   | 200                | 4950            |
| 847    | 1.7              | 3     | 2   | 200                | 4950            |
| 839    | 1.7              | 2     | 3   | 200                | 4950            |
| 741    | 1.9              | 3     | 2   | 200                | 4950            |
| 740    | 1.9              | 2     | 3   | 200                | 4950            |
| 653    | 2.1              | 2     | 3   | 200                | 4950            |
| 647    | 2.2              | 3     | 2   | 200                | 4950            |
| 577    | 2.4              | 2     | 3   | 200                | 4950            |
| 566    | 2.5              | 3     | 2   | 200                | 4950            |
| 508    | 2.8              | 3     | 2   | 200                | 4950            |
| 498    | 2.8              | 2     | 3   | 200                | 4950            |
| 439    | 3.2              | 2     | 2   | 200                | 4950            |
| 431    | 3.2              | 3     | 2   | 200                | 4950            |
| 387    | 3.6              | 3     | 2   | 200                | 4950            |
| 378    | 3.7              | 2     | 2   | 200                | 4950            |
| 338    | 4.1              | 3     | 2   | 200                | 4950            |
| 328    | 4.3              | 2     | 2   | 200                | 4950            |
| 296    | 4.7              | 3     | 2   | 200                | 4950            |
| 289    | 4.8              | 2     | 2   | 200                | 4950            |
| 265    | 5.3              | 2     | 2   | 200                | 4950            |
| 259    | 5.4              | 3     | 2   | 200                | 4950            |
| 228    | 6.1              | 3     | 2   | 200                | 4950            |
| 226    | 6.2              | 2     | 2   | 200                | 4950            |
| 202    | 6.9              | 2     | 2   | 200                | 4950            |
| 199    | 7.0              | 3     | 2   | 200                | 4950            |
| 179    | 7.8              | 2     | 2   | 200                | 4950            |
| 172    | 8.1              | 3     | 3   | 200                | 4950            |
| 156    | 9.0              | 2     | 2   | 200                | 4950            |
| 150    | 9.3              | 3     | 3   | 200                | 4950            |
| 135    | 10               | 2     | 3   | 200                | 4950            |
| 130    | 11               | 3     | 2   | 200                | 4950            |
| 127    | 11               | 2     | 3   | 200                | 4950            |
| 124    | 11               | 3     | 2   | 200                | 4950            |
| 110    | 13               | 3     | 2   | 200                | 4950            |
| 104    | 13               | 2     | 3   | 200                | 4950            |
| 94     | 15               | 3     | 2   | 200                | 4950            |
| 90     | 16               | 2     | 2   | 200                | 4950            |

| R47R37 |                  | 300Nm |     |                    |                 |
|--------|------------------|-------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R47   | R37 |                    |                 |
| 13598  | 0.10             | 3     | 3   | 300                | 5420            |
| 12472  | 0.11             | 3     | 3   | 300                | 5420            |
| 10619  | 0.13             | 3     | 3   | 300                | 5420            |
| 9155   | 0.15             | 3     | 3   | 300                | 5420            |
| 8534   | 0.16             | 3     | 3   | 300                | 5420            |
| 7460   | 0.19             | 3     | 3   | 300                | 5420            |
| 6993   | 0.20             | 3     | 3   | 300                | 5420            |
| 6171   | 0.23             | 3     | 3   | 300                | 5420            |
| 5624   | 0.25             | 3     | 3   | 300                | 5420            |
| 4849   | 0.29             | 3     | 3   | 300                | 5420            |
| 4520   | 0.31             | 3     | 3   | 300                | 5420            |
| 3951   | 0.35             | 3     | 3   | 300                | 5420            |
| 3704   | 0.38             | 3     | 3   | 300                | 5420            |
| 3268   | 0.43             | 3     | 3   | 300                | 5420            |
| 2898   | 0.48             | 3     | 3   | 300                | 5420            |
| 2856   | 0.49             | 3     | 2   | 300                | 5420            |
| 2625   | 0.53             | 3     | 2   | 300                | 5420            |
| 2598   | 0.54             | 2     | 3   | 300                | 5420            |
| 2463   | 0.57             | 3     | 3   | 300                | 5420            |
| 2383   | 0.59             | 2     | 3   | 300                | 5420            |
| 2246   | 0.62             | 3     | 2   | 300                | 5420            |
| 2029   | 0.69             | 2     | 3   | 300                | 5420            |
| 1948   | 0.72             | 3     | 2   | 300                | 5420            |
| 1821   | 0.77             | 3     | 2   | 300                | 5420            |
| 1749   | 0.80             | 2     | 3   | 300                | 5420            |
| 1630   | 0.86             | 2     | 3   | 300                | 5420            |
| 1573   | 0.89             | 2     | 2   | 300                | 5420            |
| 1425   | 0.98             | 3     | 3   | 300                | 5420            |
| 1336   | 1.0              | 2     | 3   | 300                | 5420            |
| 1193   | 1.2              | 3     | 2   | 300                | 5420            |
| 1179   | 1.2              | 2     | 3   | 300                | 5420            |
| 1074   | 1.3              | 2     | 3   | 300                | 5420            |
| 1020   | 1.4              | 3     | 2   | 300                | 5420            |
| 955    | 1.5              | 3     | 2   | 300                | 5420            |
| 927    | 1.5              | 2     | 3   | 300                | 5420            |
| 863    | 1.6              | 2     | 3   | 300                | 5420            |
| 804    | 1.7              | 3     | 2   | 300                | 5420            |
| 755    | 1.9              | 2     | 3   | 300                | 5420            |
| 708    | 2.0              | 2     | 3   | 300                | 5420            |
| 673    | 2.1              | 3     | 2   | 300                | 5420            |
| 624    | 2.2              | 2     | 3   | 300                | 5420            |
| 572    | 2.4              | 3     | 2   | 300                | 5420            |
| 554    | 2.5              | 2     | 3   | 300                | 5420            |
| 546    | 2.6              | 2     | 2   | 300                | 5420            |
| 510    | 2.7              | 3     | 2   | 300                | 5420            |
| 502    | 2.8              | 2     | 2   | 300                | 5420            |
| 471    | 3.0              | 2     | 3   | 300                | 5420            |
| 436    | 3.2              | 3     | 2   | 300                | 5420            |
| 429    | 3.3              | 2     | 2   | 300                | 5420            |
| 408    | 3.4              | 3     | 2   | 300                | 5420            |
| 372    | 3.8              | 2     | 2   | 300                | 5420            |
| 348    | 4.0              | 2     | 2   | 300                | 5420            |
| 344    | 4.1              | 3     | 2   | 300                | 5420            |
| 301    | 4.7              | 2     | 2   | 300                | 5420            |
| 255    | 5.5              | 2     | 2   | 300                | 5420            |
| 228    | 6.1              | 2     | 2   | 300                | 5420            |
| 195    | 7.2              | 2     | 2   | 300                | 5420            |
| 182    | 7.7              | 2     | 2   | 300                | 5420            |
| 154    | 9.1              | 2     | 2   | 300                | 5420            |
| 129    | 11               | 2     | 2   | 300                | 5420            |
| 109    | 13               | 2     | 2   | 300                | 5420            |
| 98     | 14               | 2     | 2   | 300                | 5420            |



R57/67/77R37  $n_e = 1400 \text{ 1/min}$

| R57R37 |                  | 450Nm |     |                    |                 |
|--------|------------------|-------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R57   | R37 |                    |                 |
| 14369  | 0.10             | 3     | 3   | 450                | 7110            |
| 12095  | 0.12             | 3     | 3   | 450                | 7110            |
| 10860  | 0.13             | 3     | 3   | 450                | 7110            |
| 9445   | 0.15             | 3     | 3   | 450                | 7110            |
| 8480   | 0.17             | 3     | 3   | 450                | 7110            |
| 7312   | 0.19             | 3     | 3   | 450                | 7110            |
| 6521   | 0.21             | 3     | 3   | 450                | 7110            |
| 5585   | 0.25             | 3     | 3   | 450                | 7110            |
| 4928   | 0.28             | 3     | 3   | 450                | 7110            |
| 4378   | 0.32             | 3     | 3   | 450                | 7110            |
| 3873   | 0.36             | 3     | 3   | 450                | 7110            |
| 3344   | 0.42             | 3     | 3   | 450                | 7110            |
| 2957   | 0.47             | 2     | 3   | 450                | 7110            |
| 2907   | 0.48             | 3     | 3   | 450                | 7110            |
| 2567   | 0.55             | 3     | 3   | 450                | 7110            |
| 2508   | 0.56             | 2     | 3   | 450                | 7110            |
| 2309   | 0.61             | 2     | 3   | 450                | 7110            |
| 2244   | 0.62             | 3     | 3   | 450                | 7110            |
| 1991   | 0.70             | 2     | 3   | 450                | 7110            |
| 1967   | 0.71             | 3     | 3   | 450                | 7110            |
| 1768   | 0.79             | 2     | 3   | 450                | 7110            |
| 1732   | 0.81             | 3     | 2   | 450                | 7110            |
| 1555   | 0.90             | 3     | 2   | 450                | 7110            |
| 1520   | 0.92             | 2     | 3   | 450                | 7110            |
| 1399   | 1.0              | 3     | 2   | 450                | 7110            |
| 1342   | 1.0              | 2     | 3   | 450                | 7110            |
| 1189   | 1.2              | 3     | 2   | 450                | 7110            |
| 1164   | 1.2              | 2     | 3   | 450                | 7110            |
| 1034   | 1.4              | 3     | 2   | 450                | 7110            |
| 1027   | 1.4              | 2     | 3   | 450                | 7110            |
| 894    | 1.6              | 2     | 3   | 450                | 7110            |
| 805    | 1.7              | 2     | 3   | 450                | 7110            |
| 782    | 1.8              | 3     | 2   | 450                | 7110            |
| 683    | 2.0              | 2     | 3   | 450                | 7110            |
| 678    | 2.1              | 3     | 2   | 450                | 7110            |
| 604    | 2.3              | 3     | 2   | 450                | 7110            |
| 603    | 2.3              | 2     | 3   | 450                | 7110            |
| 537    | 2.6              | 3     | 2   | 450                | 7110            |
| 534    | 2.6              | 2     | 3   | 450                | 7110            |
| 471    | 3.0              | 3     | 2   | 450                | 7110            |
| 454    | 3.1              | 2     | 3   | 450                | 7110            |
| 410    | 3.4              | 2     | 3   | 450                | 7110            |
| 359    | 3.9              | 2     | 2   | 450                | 7110            |
| 357    | 3.9              | 3     | 2   | 450                | 7110            |
| 324    | 4.3              | 2     | 2   | 450                | 7110            |
| 319    | 4.4              | 3     | 2   | 450                | 7110            |
| 290    | 4.8              | 2     | 2   | 450                | 7110            |
| 273    | 5.1              | 3     | 2   | 450                | 7110            |
| 262    | 5.3              | 2     | 2   | 450                | 7110            |
| 246    | 5.7              | 2     | 2   | 450                | 7110            |
| 241    | 5.8              | 3     | 2   | 450                | 7110            |
| 220    | 6.4              | 2     | 2   | 450                | 7110            |
| 215    | 6.5              | 3     | 2   | 450                | 7110            |
| 188    | 7.4              | 2     | 2   | 450                | 7110            |
| 187    | 7.5              | 3     | 2   | 450                | 7110            |
| 164    | 8.5              | 3     | 2   | 450                | 7110            |
| 159    | 8.8              | 2     | 2   | 450                | 7110            |
| 146    | 9.6              | 2     | 2   | 450                | 7110            |
| 142    | 9.9              | 3     | 2   | 450                | 7110            |
| 134    | 10               | 2     | 2   | 450                | 7110            |

| R67R37 |                  | 600Nm |     |                    |                 |
|--------|------------------|-------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R67   | R37 |                    |                 |
| 15361  | 0.09             | 3     | 3   | 600                | 7560            |
| 12931  | 0.11             | 3     | 3   | 600                | 7560            |
| 11996  | 0.12             | 3     | 3   | 600                | 7560            |
| 10097  | 0.14             | 3     | 3   | 600                | 7560            |
| 9066   | 0.15             | 3     | 3   | 600                | 7560            |
| 7816   | 0.18             | 3     | 3   | 600                | 7560            |
| 6732   | 0.21             | 3     | 3   | 600                | 7560            |
| 5970   | 0.23             | 3     | 3   | 600                | 7560            |
| 5268   | 0.27             | 3     | 3   | 600                | 7560            |
| 4680   | 0.30             | 3     | 3   | 600                | 7560            |
| 4136   | 0.34             | 3     | 3   | 600                | 7560            |
| 3566   | 0.39             | 3     | 3   | 600                | 7560            |
| 3125   | 0.45             | 3     | 3   | 600                | 7560            |
| 2745   | 0.51             | 3     | 3   | 600                | 7560            |
| 2682   | 0.52             | 2     | 3   | 600                | 7560            |
| 2460   | 0.57             | 2     | 3   | 600                | 7560            |
| 2403   | 0.58             | 3     | 3   | 600                | 7560            |
| 2136   | 0.66             | 3     | 2   | 600                | 7560            |
| 2094   | 0.67             | 2     | 3   | 600                | 7560            |
| 1852   | 0.76             | 3     | 2   | 600                | 7560            |
| 1805   | 0.78             | 2     | 3   | 600                | 7560            |
| 1652   | 0.85             | 3     | 2   | 600                | 7560            |
| 1629   | 0.86             | 2     | 3   | 600                | 7560            |
| 1471   | 0.95             | 2     | 3   | 600                | 7560            |
| 1432   | 0.98             | 3     | 2   | 600                | 7560            |
| 1379   | 1.0              | 2     | 3   | 600                | 7560            |
| 1259   | 1.1              | 3     | 2   | 600                | 7560            |
| 1109   | 1.3              | 2     | 3   | 600                | 7560            |
| 1106   | 1.3              | 3     | 2   | 600                | 7560            |
| 956    | 1.5              | 2     | 3   | 600                | 7560            |
| 891    | 1.6              | 2     | 3   | 600                | 7560            |
| 836    | 1.7              | 3     | 2   | 600                | 7560            |
| 750    | 1.9              | 3     | 2   | 600                | 7560            |
| 730    | 1.9              | 2     | 3   | 600                | 7560            |
| 646    | 2.2              | 3     | 2   | 600                | 7560            |
| 644    | 2.2              | 2     | 3   | 600                | 7560            |
| 574    | 2.4              | 3     | 2   | 600                | 7560            |
| 571    | 2.5              | 2     | 3   | 600                | 7560            |
| 495    | 2.8              | 3     | 2   | 600                | 7560            |
| 486    | 2.9              | 2     | 3   | 600                | 7560            |
| 443    | 3.2              | 2     | 2   | 600                | 7560            |
| 438    | 3.2              | 3     | 2   | 600                | 7560            |
| 388    | 3.6              | 3     | 2   | 600                | 7560            |
| 384    | 3.6              | 2     | 2   | 600                | 7560            |
| 359    | 3.9              | 2     | 2   | 600                | 7560            |
| 344    | 4.1              | 3     | 2   | 600                | 7560            |
| 310    | 4.5              | 2     | 2   | 600                | 7560            |
| 294    | 4.8              | 3     | 2   | 600                | 7560            |
| 264    | 5.3              | 2     | 2   | 600                | 7560            |
| 261    | 5.4              | 3     | 2   | 600                | 7560            |
| 235    | 6.0              | 2     | 2   | 600                | 7560            |
| 234    | 6.0              | 3     | 2   | 600                | 7560            |
| 201    | 7.0              | 2     | 2   | 600                | 7560            |
| 200    | 7.0              | 3     | 2   | 600                | 7560            |
| 181    | 7.7              | 2     | 2   | 600                | 7560            |
| 181    | 7.7              | 2     | 2   | 600                | 7560            |
| 176    | 8.0              | 3     | 2   | 600                | 7560            |
| 159    | 8.8              | 2     | 2   | 600                | 7560            |
| 158    | 8.9              | 3     | 2   | 600                | 7560            |

| R77R37 |                  | 820Nm |     |                    |                 |
|--------|------------------|-------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R77   | R37 |                    |                 |
| 16370  | 0.09             | 3     | 3   | 820                | 9920            |
| 15015  | 0.09             | 3     | 3   | 820                | 9920            |
| 13885  | 0.10             | 3     | 3   | 820                | 9920            |
| 12783  | 0.11             | 3     | 3   | 820                | 9920            |
| 11021  | 0.13             | 3     | 3   | 820                | 9920            |
| 9788   | 0.14             | 3     | 3   | 820                | 9920            |
| 8714   | 0.16             | 3     | 3   | 820                | 9920            |
| 7617   | 0.18             | 3     | 3   | 820                | 9920            |
| 6770   | 0.21             | 3     | 3   | 820                | 9920            |
| 5838   | 0.24             | 3     | 3   | 820                | 9920            |
| 5184   | 0.27             | 3     | 3   | 820                | 9920            |
| 4470   | 0.31             | 3     | 3   | 820                | 9920            |
| 3999   | 0.35             | 3     | 3   | 820                | 9920            |
| 3488   | 0.40             | 3     | 3   | 820                | 9920            |
| 3151   | 0.44             | 2     | 3   | 820                | 9920            |
| 3053   | 0.46             | 3     | 3   | 820                | 9920            |
| 2890   | 0.48             | 2     | 3   | 820                | 9920            |
| 2671   | 0.52             | 3     | 3   | 820                | 9920            |
| 2460   | 0.57             | 2     | 3   | 820                | 9920            |
| 2345   | 0.60             | 3     | 2   | 820                | 9920            |
| 2121   | 0.66             | 2     | 3   | 820                | 9920            |
| 2070   | 0.68             | 3     | 2   | 820                | 9920            |
| 1977   | 0.71             | 2     | 3   | 820                | 9920            |
| 1822   | 0.77             | 3     | 2   | 820                | 9920            |
| 1728   | 0.81             | 2     | 3   | 820                | 9920            |
| 1620   | 0.86             | 2     | 3   | 820                | 9920            |
| 1580   | 0.89             | 3     | 2   | 820                | 9920            |
| 1430   | 0.98             | 2     | 3   | 820                | 9920            |
| 1394   | 1.0              | 3     | 2   | 820                | 9920            |
| 1303   | 1.1              | 2     | 3   | 820                | 9920            |
| 1218   | 1.1              | 3     | 2   | 820                | 9920            |
| 1124   | 1.2              | 2     | 3   | 820                | 9920            |
| 1084   | 1.3              | 3     | 2   | 820                | 9920            |
| 1047   | 1.3              | 2     | 3   | 820                | 9920            |
| 940    | 1.5              | 3     | 2   | 820                | 9920            |
| 915    | 1.5              | 2     | 3   | 820                | 9920            |
| 858    | 1.6              | 2     | 3   | 820                | 9920            |
| 821    | 1.7              | 3     | 2   | 820                | 9920            |
| 757    | 1.8              | 2     | 3   | 820                | 9920            |
| 731    | 1.9              | 3     | 2   | 820                | 9920            |
| 671    | 2.1              | 2     | 3   | 820                | 9920            |
| 646    | 2.2              | 3     | 2   | 820                | 9920            |
| 571    | 2.5              | 2     | 3   | 820                | 9920            |
| 560    | 2.5              | 3     | 2   | 820                | 9920            |
| 520    | 2.7              | 2     | 2   | 820                | 9920            |
| 488    | 2.9              | 3     | 2   | 820                | 9920            |
| 451    | 3.1              | 2     | 2   | 820                | 9920            |
| 436    | 3.2              | 3     | 2   | 820                | 9920            |
| 422    | 3.3              | 2     | 2   | 820                | 9920            |
| 373    | 3.8              | 3     | 2   | 820                | 9920            |
| 365    | 3.8              | 2     | 2   | 820                | 9920            |
| 327    | 4.3              | 3     | 2   | 820                | 9920            |
| 310    | 4.5              | 2     | 2   | 820                | 9920            |
| 289    | 4.8              | 3     | 2   | 820                | 9920            |
| 276    | 5.1              | 2     | 2   | 820                | 9920            |
| 260    | 5.4              | 3     | 2   | 820                | 9920            |
| 236    | 5.9              | 2     | 2   | 820                | 9920            |
| 224    | 6.2              | 3     | 2   | 820                | 9920            |
| 221    | 6.3              | 2     | 2   | 820                | 9920            |
| 197    | 7.1              | 3     | 2   | 820                | 9920            |
| 186    | 7.5              | 2     | 2   | 820                | 9920            |
| 169    | 8.3              | 3     | 2   | 820                | 9920            |
| 149    | 9.4              | 3     | 2   | 820                | 9920            |

R87/97R57      R107R77       $n_e = 1400 \text{ 1/min}$

| R87R57 |                  | 1550Nm |     |                    |                 |
|--------|------------------|--------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage  |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R87    | R57 |                    |                 |
| 17452  | 0.08             | 3      | 3   | 1550               | 16900           |
| 15310  | 0.09             | 3      | 3   | 1550               | 16900           |
| 13813  | 0.10             | 3      | 3   | 1550               | 16900           |
| 12025  | 0.12             | 3      | 3   | 1550               | 16900           |
| 10549  | 0.13             | 3      | 3   | 1550               | 16900           |
| 9244   | 0.15             | 3      | 3   | 1550               | 16900           |
| 8109   | 0.17             | 3      | 3   | 1550               | 16900           |
| 7038   | 0.20             | 3      | 3   | 1550               | 16900           |
| 6174   | 0.23             | 3      | 3   | 1550               | 16900           |
| 5449   | 0.26             | 3      | 3   | 1550               | 16900           |
| 4831   | 0.29             | 3      | 3   | 1550               | 16900           |
| 4206   | 0.33             | 3      | 3   | 1550               | 16900           |
| 4020   | 0.35             | 2      | 3   | 1550               | 16900           |
| 3744   | 0.37             | 3      | 3   | 1550               | 16900           |
| 3703   | 0.38             | 2      | 3   | 1550               | 16900           |
| 3233   | 0.43             | 3      | 3   | 1550               | 16900           |
| 3182   | 0.44             | 2      | 3   | 1550               | 16900           |
| 2873   | 0.49             | 3      | 3   | 1550               | 16900           |
| 2770   | 0.51             | 2      | 3   | 1550               | 16900           |
| 2595   | 0.54             | 2      | 3   | 1550               | 16900           |
| 2518   | 0.56             | 3      | 3   | 1550               | 16900           |
| 2209   | 0.63             | 3      | 3   | 1550               | 16900           |
| 2129   | 0.66             | 2      | 3   | 1550               | 16900           |
| 1961   | 0.71             | 3      | 3   | 1550               | 16900           |
| 1930   | 0.73             | 2      | 3   | 1550               | 16900           |
| 1737   | 0.81             | 3      | 2   | 1550               | 16900           |
| 1733   | 0.81             | 2      | 3   | 1550               | 16900           |
| 1524   | 0.92             | 3      | 2   | 1550               | 16900           |
| 1489   | 0.94             | 2      | 3   | 1550               | 16900           |
| 1395   | 1.0              | 2      | 3   | 1550               | 16900           |
| 1303   | 1.1              | 3      | 2   | 1550               | 16900           |
| 1232   | 1.1              | 2      | 3   | 1550               | 16900           |
| 1145   | 1.2              | 2      | 3   | 1550               | 16900           |
| 1143   | 1.2              | 3      | 2   | 1550               | 16900           |
| 1037   | 1.4              | 2      | 3   | 1550               | 16900           |
| 1008   | 1.4              | 3      | 2   | 1550               | 16900           |
| 994    | 1.4              | 3      | 3   | 1550               | 16900           |
| 931    | 1.5              | 2      | 2   | 1550               | 16900           |
| 885    | 1.6              | 3      | 2   | 1550               | 16900           |
| 881    | 1.6              | 3      | 3   | 1550               | 16900           |
| 802    | 1.7              | 2      | 3   | 1550               | 16900           |
| 776    | 1.8              | 3      | 2   | 1550               | 16900           |
| 754    | 1.9              | 2      | 3   | 1550               | 16900           |
| 685    | 2.0              | 3      | 2   | 1550               | 16900           |
| 649    | 2.2              | 2      | 3   | 1550               | 16900           |
| 599    | 2.3              | 3      | 2   | 1550               | 16900           |
| 580    | 2.4              | 2      | 3   | 1550               | 16900           |
| 538    | 2.6              | 2      | 2   | 1550               | 16900           |
| 525    | 2.7              | 3      | 2   | 1550               | 16900           |
| 472    | 3.0              | 2      | 2   | 1550               | 16900           |
| 456    | 3.1              | 3      | 2   | 1550               | 16900           |
| 400    | 3.5              | 2      | 2   | 1550               | 16900           |
| 398    | 3.5              | 3      | 2   | 1550               | 16900           |
| 361    | 3.9              | 2      | 2   | 1550               | 16900           |
| 352    | 4.0              | 3      | 2   | 1550               | 16900           |
| 305    | 4.6              | 3      | 2   | 1550               | 16900           |
| 300    | 4.7              | 2      | 2   | 1550               | 16900           |
| 268    | 5.2              | 3      | 2   | 1550               | 16900           |
| 256    | 5.5              | 2      | 2   | 1550               | 16900           |
| 236    | 5.9              | 3      | 2   | 1550               | 16900           |
| 232    | 6.0              | 2      | 2   | 1550               | 16900           |
| 232    | 6.0              | 2      | 2   | 1550               | 16900           |
| 209    | 6.7              | 3      | 2   | 1550               | 16900           |
| 195    | 7.2              | 2      | 2   | 1550               | 16900           |

| R97R57 |                  | 3000Nm |     |                    |                 |
|--------|------------------|--------|-----|--------------------|-----------------|
| i      | $n_a$<br>[1/min] | Stage  |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|        |                  | R97    | R57 |                    |                 |
| 21769  | 0.06             | 3      | 3   | 3000               | 19800           |
| 19332  | 0.07             | 3      | 3   | 3000               | 19800           |
| 17230  | 0.08             | 3      | 3   | 3000               | 19800           |
| 14999  | 0.09             | 3      | 3   | 3000               | 19800           |
| 13320  | 0.11             | 3      | 3   | 3000               | 19800           |
| 11156  | 0.13             | 3      | 3   | 3000               | 19800           |
| 10030  | 0.14             | 3      | 3   | 3000               | 19800           |
| 8706   | 0.16             | 3      | 3   | 3000               | 19800           |
| 7692   | 0.18             | 3      | 3   | 3000               | 19800           |
| 6708   | 0.21             | 3      | 3   | 3000               | 19800           |
| 5931   | 0.24             | 3      | 3   | 3000               | 19800           |
| 5161   | 0.27             | 3      | 3   | 3000               | 19800           |
| 4678   | 0.30             | 2      | 3   | 3000               | 19800           |
| 4559   | 0.31             | 3      | 3   | 3000               | 19800           |
| 4309   | 0.32             | 2      | 3   | 3000               | 19800           |
| 4004   | 0.35             | 3      | 3   | 3000               | 19800           |
| 3702   | 0.38             | 2      | 3   | 3000               | 19800           |
| 3481   | 0.40             | 3      | 3   | 3000               | 19800           |
| 3065   | 0.46             | 3      | 2   | 3000               | 19800           |
| 3019   | 0.46             | 2      | 3   | 3000               | 19800           |
| 2722   | 0.51             | 3      | 2   | 3000               | 19800           |
| 2668   | 0.52             | 2      | 3   | 3000               | 19800           |
| 2311   | 0.61             | 3      | 2   | 3000               | 19800           |
| 2245   | 0.62             | 2      | 3   | 3000               | 19800           |
| 2078   | 0.67             | 3      | 2   | 3000               | 19800           |
| 2016   | 0.69             | 2      | 3   | 3000               | 19800           |
| 1823   | 0.77             | 3      | 2   | 3000               | 19800           |
| 1733   | 0.81             | 2      | 3   | 3000               | 19800           |
| 1623   | 0.86             | 2      | 3   | 3000               | 19800           |
| 1583   | 0.88             | 3      | 2   | 3000               | 19800           |
| 1434   | 0.98             | 2      | 3   | 3000               | 19800           |
| 1396   | 1.0              | 3      | 2   | 3000               | 19800           |
| 1228   | 1.1              | 3      | 2   | 3000               | 19800           |
| 1207   | 1.2              | 2      | 3   | 3000               | 19800           |
| 1084   | 1.3              | 2      | 3   | 3000               | 19800           |
| 1069   | 1.3              | 3      | 2   | 3000               | 19800           |
| 938    | 1.5              | 3      | 2   | 3000               | 19800           |
| 934    | 1.5              | 2      | 3   | 3000               | 19800           |
| 878    | 1.6              | 2      | 3   | 3000               | 19800           |
| 824    | 1.7              | 3      | 2   | 3000               | 19800           |
| 755    | 1.9              | 2      | 3   | 3000               | 19800           |
| 737    | 1.9              | 3      | 2   | 3000               | 19800           |
| 632    | 2.2              | 3      | 2   | 3000               | 19800           |
| 625    | 2.2              | 2      | 2   | 3000               | 19800           |
| 560    | 2.5              | 3      | 2   | 3000               | 19800           |
| 549    | 2.6              | 2      | 2   | 3000               | 19800           |
| 484    | 2.9              | 3      | 2   | 3000               | 19800           |
| 466    | 3.0              | 2      | 2   | 3000               | 19800           |
| 431    | 3.2              | 3      | 2   | 3000               | 19800           |
| 420    | 3.3              | 2      | 2   | 3000               | 19800           |
| 379    | 3.7              | 3      | 2   | 3000               | 19800           |
| 370    | 3.8              | 2      | 2   | 3000               | 19800           |
| 349    | 4.0              | 2      | 2   | 3000               | 19800           |
| 336    | 4.2              | 3      | 2   | 3000               | 19800           |
| 297    | 4.7              | 2      | 2   | 3000               | 19800           |
| 296    | 4.7              | 3      | 2   | 3000               | 19800           |
| 270    | 5.2              | 2      | 2   | 3000               | 19800           |
| 249    | 5.6              | 3      | 2   | 3000               | 19800           |
| 234    | 6.0              | 3      | 2   | 3000               | 19800           |
| 227    | 6.2              | 2      | 2   | 3000               | 19800           |
| 209    | 6.7              | 3      | 2   | 3000               | 19800           |
| 249    | 5.6              | 2      | 2   | 3000               | 19800           |

| R107R77 |                  | 4300Nm |     |                    |                 |
|---------|------------------|--------|-----|--------------------|-----------------|
| i       | $n_a$<br>[1/min] | Stage  |     | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
|         |                  | R107   | R77 |                    |                 |
| 20018   | 0.07             | 3      | 3   | 4300               | 29500           |
| 17080   | 0.08             | 3      | 3   | 4300               | 29500           |
| 14936   | 0.09             | 3      | 3   | 4300               | 29500           |
| 12829   | 0.11             | 3      | 3   | 4300               | 29500           |
| 11256   | 0.12             | 3      | 3   | 4300               | 29500           |
| 9547    | 0.15             | 3      | 3   | 4300               | 29500           |
| 8618    | 0.16             | 3      | 3   | 4300               | 29500           |
| 7583    | 0.18             | 3      | 3   | 4300               | 29500           |
| 6743    | 0.21             | 3      | 3   | 4300               | 29500           |
| 5914    | 0.24             | 3      | 3   | 4300               | 29500           |
| 5168    | 0.27             | 3      | 3   | 4300               | 29500           |
| 4435    | 0.32             | 3      | 3   | 4300               | 29500           |
| 3918    | 0.36             | 2      | 3   | 4300               | 29500           |
| 3896    | 0.36             | 3      | 3   | 4300               | 29500           |
| 3432    | 0.41             | 3      | 3   | 4300               | 29500           |
| 3343    | 0.42             | 2      | 3   | 4300               | 29500           |
| 3039    | 0.46             | 3      | 3   | 4300               | 29500           |
| 3034    | 0.46             | 2      | 3   | 4300               | 29500           |
| 2688    | 0.52             | 3      | 3   | 4300               | 29500           |
| 2653    | 0.53             | 2      | 3   | 4300               | 29500           |
| 2339    | 0.60             | 3      | 3   | 4300               | 29500           |
| 2280    | 0.61             | 2      | 3   | 4300               | 29500           |
| 2067    | 0.68             | 2      | 3   | 4300               | 29500           |
| 1987    | 0.70             | 3      | 2   | 4300               | 29500           |
| 1827    | 0.77             | 3      | 2   | 4300               | 29500           |
| 1693    | 0.83             | 2      | 3   | 4300               | 29500           |
| 1599    | 0.88             | 3      | 2   | 4300               | 29500           |
| 1550    | 0.90             | 2      | 3   | 4300               | 29500           |
| 1407    | 1.0              | 2      | 3   | 4300               | 29500           |
| 1400    | 1.0              | 3      | 2   | 4300               | 29500           |
| 1226    | 1.1              | 3      | 2   | 4300               | 29500           |
| 1209    | 1.2              | 2      | 3   | 4300               | 29500           |
| 1104    | 1.3              | 3      | 2   | 4300               | 29500           |
| 1055    | 1.3              | 2      | 3   | 4300               | 29500           |
| 939     | 1.5              | 3      | 2   | 4300               | 29500           |
| 919     | 1.5              | 2      | 3   | 4300               | 29500           |
| 822     | 1.7              | 3      | 2   | 4300               | 29500           |
| 815     | 1.7              | 2      | 3   | 4300               | 29500           |
| 717     | 2.0              | 2      | 3   | 4300               | 29500           |
| 626     | 2.2              | 2      | 3   | 4300               | 29500           |
| 614     | 2.3              | 3      | 2   | 4300               | 29500           |
| 544     | 2.6              | 3      | 2   | 4300               | 29500           |
| 528     | 2.7              | 2      | 3   | 4300               | 29500           |
| 492     | 2.8              | 3      | 2   | 4300               | 29500           |
| 469     | 3.0              | 2      | 2   | 4300               | 29500           |
| 426     | 3.3              | 2      | 2   | 4300               | 29500           |
| 417     | 3.4              | 3      | 2   | 4300               | 29500           |
| 377     | 3.7              | 2      | 2   | 4300               | 29500           |
| 369     | 3.8              | 3      | 2   | 4300               | 29500           |
| 325     | 4.3              | 2      | 2   | 4300               | 29500           |
| 323     | 4.3              | 3      | 2   | 4300               | 29500           |
| 285     | 4.9              | 3      | 2   | 4300               | 29500           |
| 284     | 4.9              | 2      | 2   | 4300               | 29500           |
| 256     | 5.5              | 2      | 2   | 4300               | 29500           |
| 253     | 5.5              | 3      | 2   | 4300               | 29500           |
| 220     | 6.4              | 2      | 2   | 4300               | 29500           |
| 214     | 6.5              | 3      | 2   | 4300               | 29500           |
| 193     | 7.3              | 2      | 2   | 4300               | 29500           |
| 187     | 7.5              | 3      | 2   | 4300               | 29500           |
| 172     | 8.1              | 2      | 2   | 4300               | 29500           |



R137/147R77

R147R87

 $n_e = 1400 \text{ 1/min}$ 

| R137R77 |       |       |     | 8000Nm     |          |
|---------|-------|-------|-----|------------|----------|
| i       | $n_a$ | Stage |     | $M_{amax}$ | $F_{Ra}$ |
| [1/min] |       | R137  | R77 | [Nm]       | [N]      |
| 22203   | 0.06  | 3     | 3   | 8000       | 53400    |
| 18945   | 0.07  | 3     | 3   | 8000       | 53400    |
| 16566   | 0.08  | 3     | 3   | 8000       | 53400    |
| 14777   | 0.09  | 3     | 3   | 8000       | 53400    |
| 12921   | 0.11  | 3     | 3   | 8000       | 53400    |
| 11712   | 0.12  | 3     | 3   | 8000       | 53400    |
| 10573   | 0.13  | 3     | 3   | 8000       | 53400    |
| 8784    | 0.16  | 3     | 3   | 8000       | 53400    |
| 7479    | 0.19  | 3     | 3   | 8000       | 53400    |
| 6559    | 0.21  | 3     | 3   | 8000       | 53400    |
| 5834    | 0.24  | 3     | 3   | 8000       | 53400    |
| 5116    | 0.27  | 3     | 3   | 8000       | 53400    |
| 4709    | 0.30  | 2     | 3   | 8000       | 53400    |
| 4464    | 0.31  | 3     | 3   | 8000       | 53400    |
| 4018    | 0.35  | 2     | 3   | 8000       | 53400    |
| 3928    | 0.36  | 3     | 3   | 8000       | 53400    |
| 3514    | 0.40  | 2     | 3   | 8000       | 53400    |
| 3454    | 0.41  | 3     | 3   | 8000       | 53400    |
| 3338    | 0.42  | 2     | 3   | 8000       | 53400    |
| 2993    | 0.47  | 3     | 3   | 8000       | 53400    |
| 2929    | 0.48  | 2     | 3   | 8000       | 53400    |
| 2658    | 0.53  | 3     | 2   | 8000       | 53400    |
| 2484    | 0.56  | 2     | 3   | 8000       | 53400    |
| 2412    | 0.58  | 3     | 2   | 8000       | 53400    |
| 2242    | 0.62  | 2     | 3   | 8000       | 53400    |
| 2073    | 0.68  | 3     | 2   | 8000       | 53400    |
| 1863    | 0.75  | 2     | 3   | 8000       | 53400    |
| 1839    | 0.76  | 3     | 2   | 8000       | 53400    |
| 1598    | 0.88  | 3     | 2   | 8000       | 53400    |
| 1586    | 0.88  | 2     | 3   | 8000       | 53400    |
| 1397    | 1.0   | 3     | 2   | 8000       | 53400    |
| 1391    | 1.0   | 2     | 3   | 8000       | 53400    |
| 1256    | 1.1   | 2     | 3   | 8000       | 53400    |
| 1226    | 1.1   | 3     | 2   | 8000       | 53400    |
| 1105    | 1.3   | 2     | 3   | 8000       | 53400    |
| 1090    | 1.3   | 3     | 2   | 8000       | 53400    |
| 1043    | 1.3   | 2     | 3   | 8000       | 53400    |
| 951     | 1.5   | 3     | 2   | 8000       | 53400    |
| 888     | 1.6   | 2     | 3   | 8000       | 53400    |
| 831     | 1.7   | 3     | 2   | 8000       | 53400    |
| 730     | 1.9   | 3     | 2   | 8000       | 53400    |
| 699     | 2.0   | 2     | 3   | 8000       | 53400    |
| 629     | 2.2   | 3     | 2   | 8000       | 53400    |
| 609     | 2.3   | 2     | 3   | 8000       | 53400    |
| 564     | 2.5   | 2     | 2   | 8000       | 53400    |
| 560     | 2.5   | 3     | 2   | 8000       | 53400    |
| 517     | 2.7   | 2     | 2   | 8000       | 53400    |
| 490     | 2.9   | 3     | 2   | 8000       | 53400    |
| 453     | 3.1   | 2     | 2   | 8000       | 53400    |
| 428     | 3.3   | 3     | 2   | 8000       | 53400    |
| 381     | 3.7   | 3     | 2   | 8000       | 53400    |
| 376     | 3.7   | 2     | 2   | 8000       | 53400    |
| 339     | 4.1   | 2     | 2   | 8000       | 53400    |
| 323     | 4.3   | 3     | 2   | 8000       | 53400    |
| 297     | 4.7   | 2     | 2   | 8000       | 53400    |
| 291     | 4.8   | 3     | 2   | 8000       | 53400    |
| 255     | 5.5   | 3     | 2   | 8000       | 53400    |
| 223     | 6.3   | 3     | 2   | 8000       | 53400    |
| 197     | 7.1   | 3     | 2   | 8000       | 53400    |
| 175     | 8.0   | 3     | 2   | 8000       | 53400    |

| R147R77 |       |       |     | 13000Nm    |          |
|---------|-------|-------|-----|------------|----------|
| i       | $n_a$ | Stage |     | $M_{amax}$ | $F_{Ra}$ |
| [1/min] |       | R147  | R77 | [Nm]       | [N]      |
| 23401   | 0.06  | 3     | 3   | 13000      | 62700    |
| 21342   | 0.07  | 3     | 3   | 13000      | 62700    |
| 18210   | 0.08  | 3     | 3   | 13000      | 62700    |
| 15923   | 0.09  | 3     | 3   | 13000      | 62700    |
| 14075   | 0.10  | 3     | 3   | 13000      | 62700    |
| 12344   | 0.11  | 3     | 3   | 13000      | 62700    |
| 11143   | 0.13  | 3     | 3   | 13000      | 62700    |
| 9743    | 0.14  | 3     | 3   | 13000      | 62700    |
| 8443    | 0.17  | 3     | 3   | 13000      | 62700    |
| 7307    | 0.19  | 3     | 3   | 13000      | 62700    |
| 6447    | 0.22  | 3     | 3   | 13000      | 62700    |
| 5568    | 0.25  | 3     | 3   | 13000      | 62700    |
| 4926    | 0.28  | 3     | 3   | 13000      | 62700    |
| 4325    | 0.32  | 3     | 3   | 13000      | 62700    |
| 3754    | 0.37  | 3     | 3   | 13000      | 62700    |
| 3302    | 0.42  | 3     | 3   | 13000      | 62700    |
| 2898    | 0.48  | 3     | 3   | 13000      | 62700    |
| 2555    | 0.55  | 3     | 2   | 13000      | 62700    |
| 2211    | 0.63  | 3     | 2   | 13000      | 62700    |
| 1951    | 0.72  | 3     | 2   | 13000      | 62700    |
| 1705    | 0.82  | 3     | 2   | 13000      | 62700    |
| 1536    | 0.91  | 3     | 2   | 13000      | 62700    |
| 1329    | 1.1   | 3     | 2   | 13000      | 62700    |
| 1166    | 1.2   | 3     | 2   | 13000      | 62700    |
| 1029    | 1.4   | 3     | 2   | 13000      | 62700    |
| 889     | 1.6   | 3     | 2   | 13000      | 62700    |
| 784     | 1.8   | 3     | 2   | 13000      | 62700    |
| 695     | 2.0   | 3     | 2   | 13000      | 62700    |
| 619     | 2.3   | 3     | 2   | 13000      | 62700    |
| 558     | 2.5   | 3     | 2   | 13000      | 62700    |
| 489     | 2.9   | 3     | 2   | 13000      | 62700    |
| 415     | 3.4   | 3     | 2   | 13000      | 62700    |

| R147R87 |       |       |     | 13000Nm    |          |
|---------|-------|-------|-----|------------|----------|
| i       | $n_a$ | Stage |     | $M_{amax}$ | $F_{Ra}$ |
| [1/min] |       | R147  | R87 | [Nm]       | [N]      |
| 533     | 2.6   | 3     | 2   | 13000      | 62700    |
| 462     | 3.0   | 3     | 2   | 13000      | 62700    |
| 426     | 3.3   | 3     | 2   | 13000      | 62700    |
| 368     | 3.8   | 3     | 2   | 13000      | 62700    |
| 326     | 4.3   | 3     | 2   | 13000      | 62700    |
| 280     | 5.0   | 3     | 2   | 13000      | 62700    |
| 247     | 5.7   | 3     | 2   | 13000      | 62700    |
| 214     | 6.5   | 3     | 2   | 13000      | 62700    |
| 189     | 7.4   | 3     | 2   | 13000      | 62700    |
| 159     | 8.8   | 3     | 2   | 13000      | 62700    |

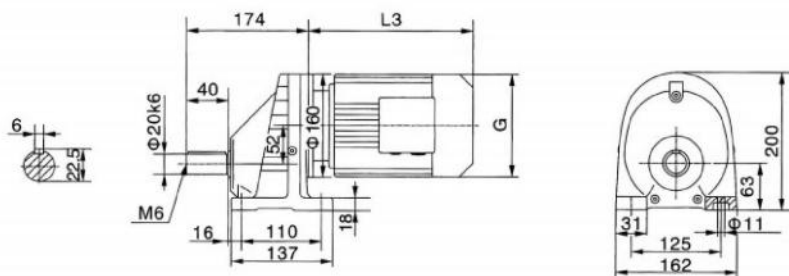
R167R97      R167R107       $n_e = 1400 \text{ 1/min}$

| R167R97 |                  | 18000Nm           |   |                    |                 |
|---------|------------------|-------------------|---|--------------------|-----------------|
| i       | $n_a$<br>[1/min] | Stage<br>R167 R97 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 27001   | 0.05             | 3                 | 3 | 18000              | 120000          |
| 22482   | 0.06             | 3                 | 3 | 18000              | 120000          |
| 20002   | 0.07             | 3                 | 3 | 18000              | 120000          |
| 17361   | 0.08             | 3                 | 3 | 18000              | 120000          |
| 15446   | 0.09             | 3                 | 3 | 18000              | 120000          |
| 14051   | 0.10             | 3                 | 3 | 18000              | 120000          |
| 11812   | 0.12             | 3                 | 3 | 18000              | 120000          |
| 10509   | 0.13             | 3                 | 3 | 18000              | 120000          |
| 9631    | 0.15             | 3                 | 3 | 18000              | 120000          |
| 7749    | 0.18             | 3                 | 3 | 18000              | 120000          |
| 6894    | 0.20             | 3                 | 3 | 18000              | 120000          |
| 6077    | 0.23             | 3                 | 3 | 18000              | 120000          |
| 5407    | 0.26             | 3                 | 3 | 18000              | 120000          |
| 4650    | 0.30             | 3                 | 3 | 18000              | 120000          |
| 4129    | 0.34             | 3                 | 3 | 18000              | 120000          |
| 3692    | 0.38             | 3                 | 3 | 18000              | 120000          |
| 3099    | 0.45             | 3                 | 3 | 18000              | 120000          |
| 2657    | 0.53             | 3                 | 2 | 18000              | 120000          |
| 2333    | 0.60             | 3                 | 2 | 18000              | 120000          |
| 2085    | 0.67             | 3                 | 2 | 18000              | 120000          |
| 1877    | 0.75             | 3                 | 2 | 18000              | 120000          |
| 1670    | 0.84             | 3                 | 2 | 18000              | 120000          |
| 1438    | 0.97             | 3                 | 2 | 18000              | 120000          |
| 1279    | 1.1              | 3                 | 2 | 18000              | 120000          |
| 1123    | 1.2              | 3                 | 2 | 18000              | 120000          |
| 999     | 1.4              | 3                 | 2 | 18000              | 120000          |
| 861     | 1.6              | 3                 | 2 | 18000              | 120000          |
| 760     | 1.8              | 3                 | 2 | 18000              | 120000          |
| 656     | 2.1              | 3                 | 2 | 18000              | 120000          |
| 579     | 2.4              | 3                 | 2 | 18000              | 120000          |
| 503     | 2.8              | 3                 | 2 | 18000              | 120000          |
| 432     | 3.2              | 3                 | 2 | 18000              | 120000          |
| 376     | 3.7              | 3                 | 2 | 18000              | 120000          |
| 335     | 4.2              | 3                 | 2 | 18000              | 120000          |
| 303     | 4.6              | 3                 | 2 | 18000              | 120000          |
| 279     | 5.0              | 3                 | 2 | 18000              | 120000          |

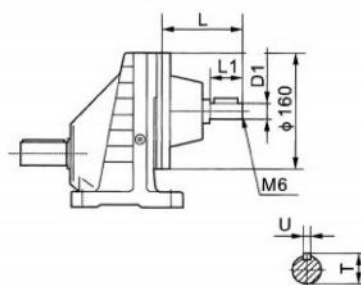
| R167R107 |                  | 18000Nm            |   |                    |                 |
|----------|------------------|--------------------|---|--------------------|-----------------|
| i        | $n_a$<br>[1/min] | Stage<br>R167 R107 |   | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 3637     | 0.38             | 2                  | 3 | 18000              | 120000          |
| 3330     | 0.42             | 2                  | 3 | 18000              | 120000          |
| 2757     | 0.51             | 2                  | 3 | 18000              | 120000          |
| 2436     | 0.57             | 2                  | 3 | 18000              | 120000          |
| 2298     | 0.61             | 2                  | 3 | 18000              | 120000          |
| 2066     | 0.68             | 2                  | 3 | 18000              | 120000          |
| 1849     | 0.76             | 2                  | 3 | 18000              | 120000          |
| 1674     | 0.84             | 2                  | 3 | 18000              | 120000          |
| 1485     | 0.94             | 2                  | 3 | 18000              | 120000          |
| 1342     | 1.0              | 2                  | 3 | 18000              | 120000          |
| 1229     | 1.1              | 2                  | 3 | 18000              | 120000          |
| 1111     | 1.3              | 2                  | 3 | 18000              | 120000          |
| 950      | 1.5              | 2                  | 3 | 18000              | 120000          |
| 860      | 1.6              | 2                  | 3 | 18000              | 120000          |
| 763      | 1.8              | 2                  | 3 | 18000              | 120000          |
| 690      | 2.0              | 2                  | 3 | 18000              | 120000          |
| 585      | 2.4              | 2                  | 3 | 18000              | 120000          |
| 511      | 2.7              | 2                  | 3 | 18000              | 120000          |
| 446      | 3.1              | 2                  | 2 | 18000              | 120000          |
| 399      | 3.5              | 2                  | 2 | 18000              | 120000          |
| 361      | 3.9              | 2                  | 2 | 18000              | 120000          |
| 349      | 4.0              | 3                  | 2 | 18000              | 120000          |
| 328      | 4.3              | 2                  | 2 | 18000              | 120000          |
| 295      | 4.7              | 3                  | 2 | 18000              | 120000          |
| 291      | 4.8              | 2                  | 2 | 18000              | 120000          |
| 270      | 5.2              | 3                  | 2 | 18000              | 120000          |
| 264      | 5.3              | 2                  | 2 | 18000              | 120000          |
| 229      | 6.1              | 3                  | 2 | 18000              | 120000          |
| 227      | 6.2              | 2                  | 2 | 18000              | 120000          |
| 200      | 7.0              | 3                  | 2 | 18000              | 120000          |
| 198      | 7.1              | 2                  | 2 | 18000              | 120000          |
| 169      | 8.3              | 3                  | 2 | 18000              | 120000          |
| 168      | 8.3              | 2                  | 2 | 18000              | 120000          |



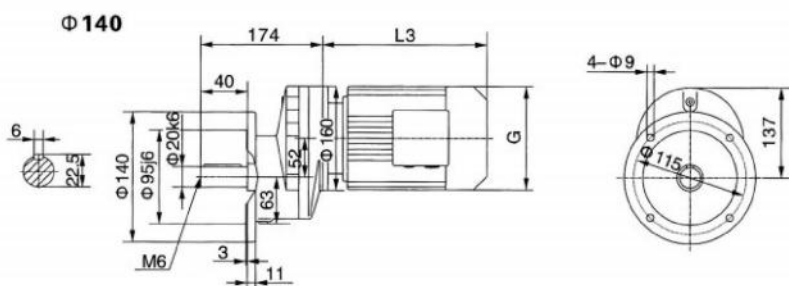
**RX57**



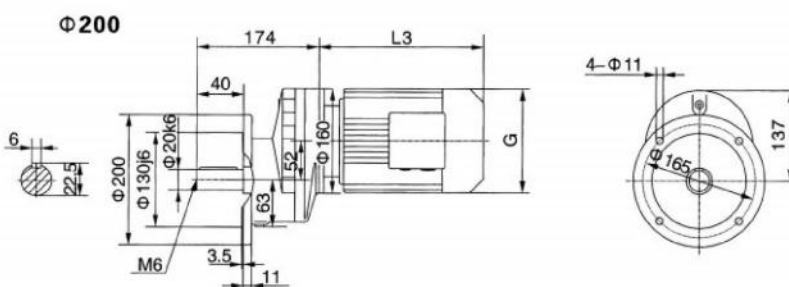
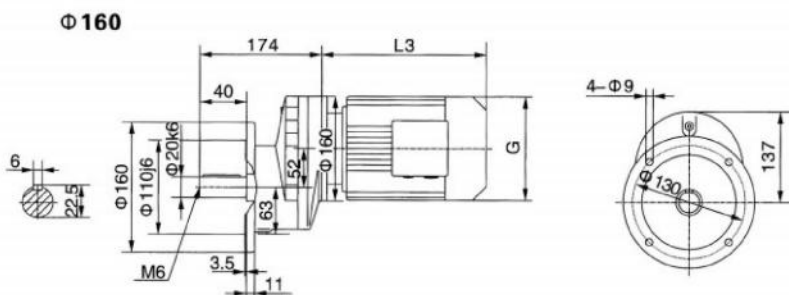
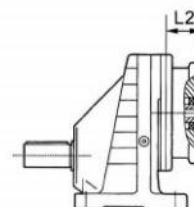
**RX..S57**



**RXF57**



电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.

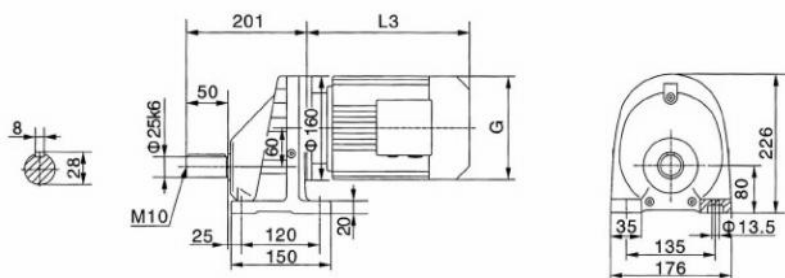


| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100     | 112M | 132S |  |
|------------------------------------|------|-----------|-----------|-----|-----|---------|------|------|--|
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  |  |
| L3                                 | 223  | 245       | 275       | 304 | 328 | 350     | 380  | 425  |  |
| G                                  | 130  | 145       | 175       | 195 | 195 | 215     | 240  | 275  |  |
| L2                                 | 45   | 55        | 80        | 80  | 80  | 100     | 100  | 110  |  |

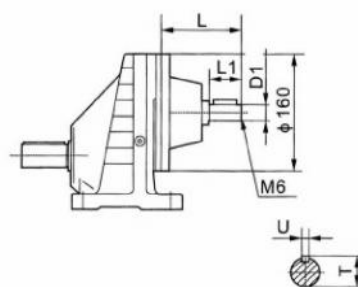
注：“RX..”表示RX、RFX

Note:“RX..”mean RX、RFX

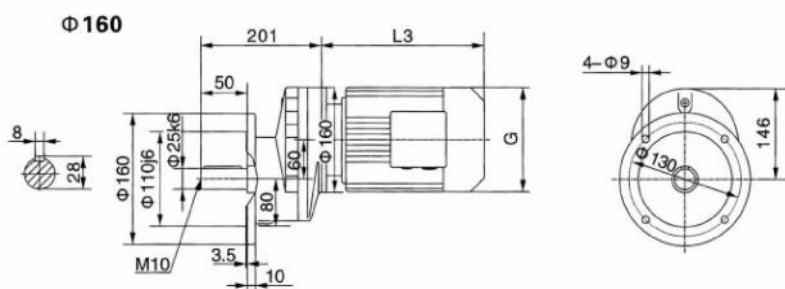
# RX67



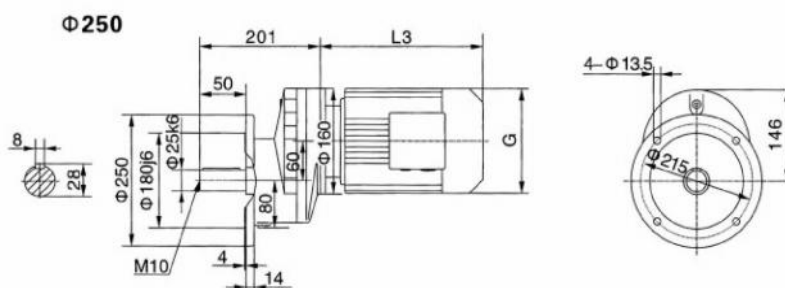
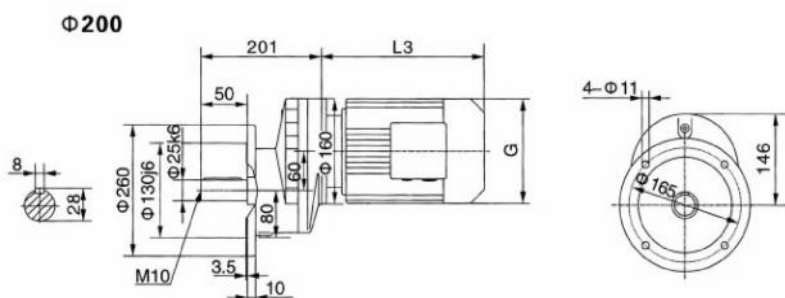
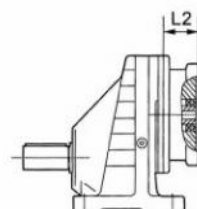
# RX..S67



# RXF67



电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



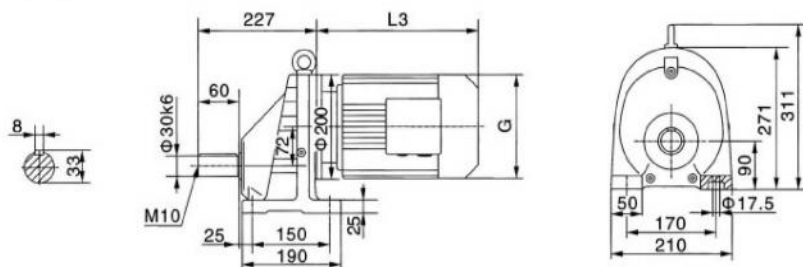
| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100     | 112M | 132S | 132M |  |
|------------------------------------|------|-----------|-----------|-----|-----|---------|------|------|------|--|
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  | 7.5  |  |
| L3                                 | 223  | 245       | 278       | 304 | 328 | 350     | 380  | 425  | 461  |  |
| G                                  | 130  | 145       | 175       | 195 | 195 | 215     | 240  | 275  | 275  |  |
| L2                                 | 45   | 55        | 80        | 80  | 80  | 100     | 100  | 110  | 110  |  |

注: "RX.." 表示RX、RXF

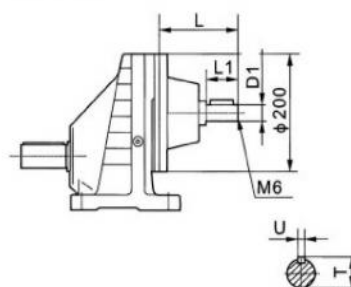
Note: "RX.." mean RX、RXF



### RX77

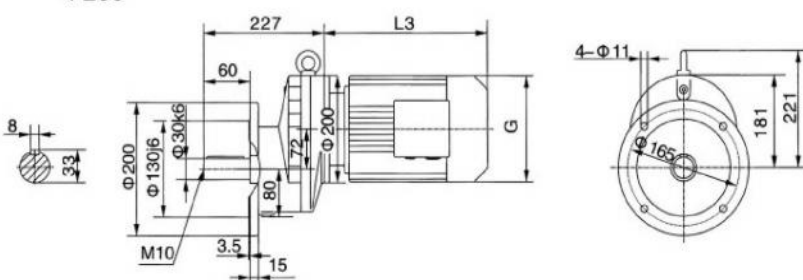


### RX..S77

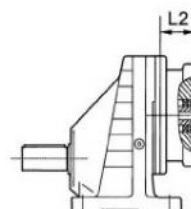


### RXF77

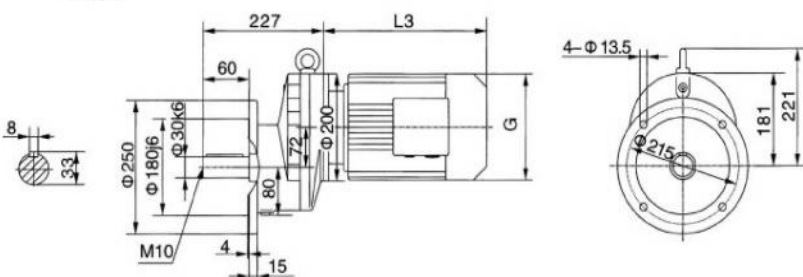
$\Phi 200$



电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



$\Phi 250$

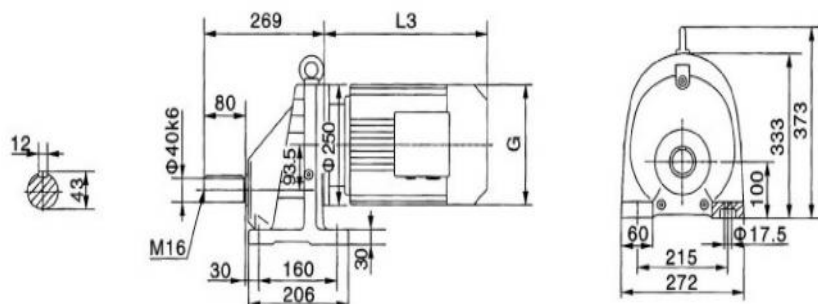


| Y <sub>2</sub> 电机座号<br>Motor size | 90S | 90L | 100 | 112M | 132S | 132M | 160M |    |
|-----------------------------------|-----|-----|-----|------|------|------|------|----|
| 功率/4P<br>Power/(KW)               | 1.1 | 1.5 | 2.2 | 3.0  | 4.0  | 5.5  | 7.5  | 11 |
| L3                                | 304 | 328 | 350 | 380  | 425  | 461  | 524  |    |
| G                                 | 195 | 195 | 215 | 240  | 275  | 275  | 330  |    |
| L2                                | 80  | 80  | 100 | 100  | 110  | 110  | 133  |    |

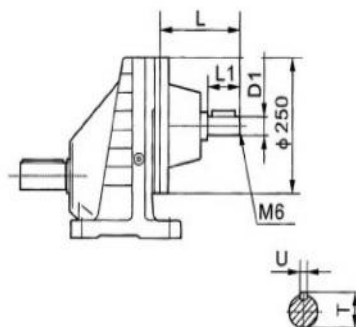
注：“RX..”表示RX、RXF

Note: “RX..” mean RX、RXF

# RX87

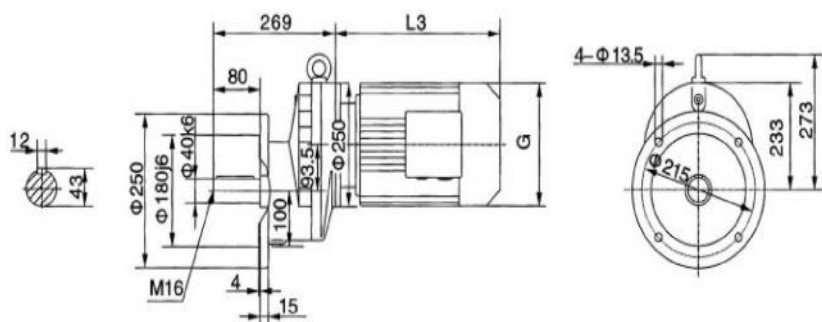


# RX..S87



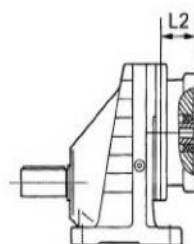
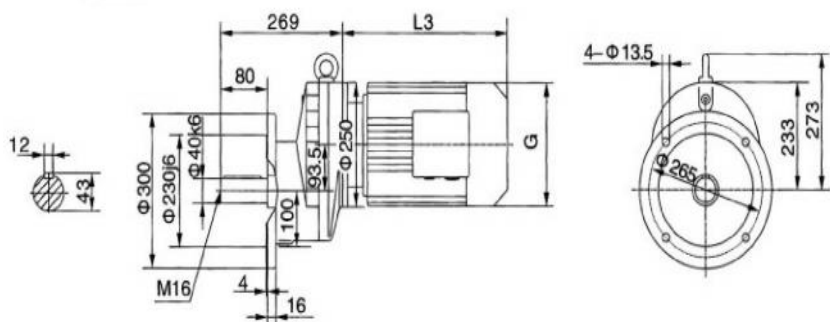
# RXF87

Φ250



电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.

Φ300



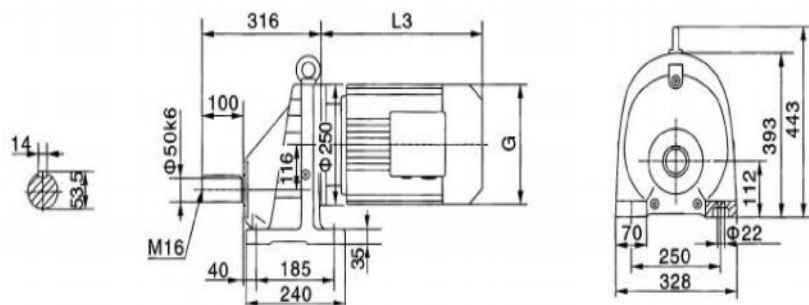
| Y <sub>2</sub> 电机座号<br>Motor size | 100 | 112M | 132S | 132M | 160M | 160L | 180M | 180L |    |
|-----------------------------------|-----|------|------|------|------|------|------|------|----|
| 功率/4P<br>Power/(KW)               | 2.2 | 3.0  | 4.0  | 5.5  | 7.5  | 11   | 15   | 18.5 | 22 |
| L3                                | 350 | 380  | 425  | 461  | 524  | 547  | 583  | 616  |    |
| G                                 | 215 | 240  | 275  | 275  | 330  | 330  | 380  | 380  |    |
| L2                                | 100 | 100  | 110  | 110  | 133  | 133  | 133  | 133  |    |

注: "RX.." 表示RX、RXF

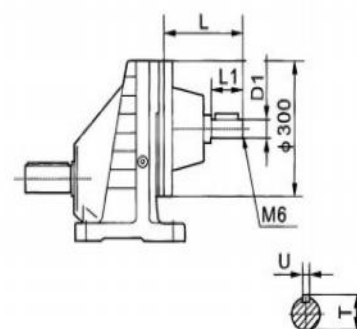
Note: "RX.." mean RX、RXF



# RX97

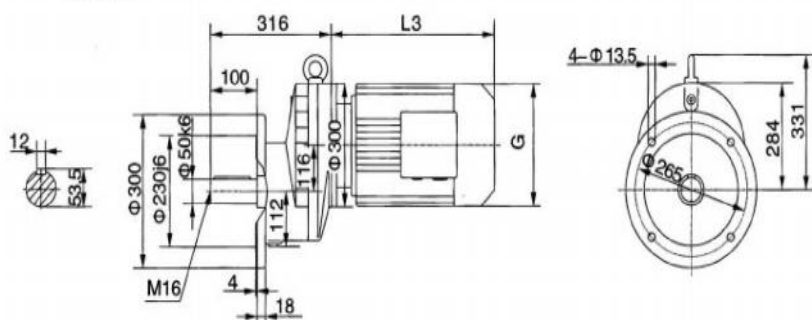


# RX..S97

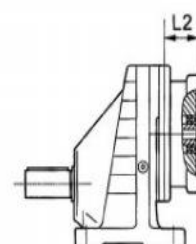


# RXF97

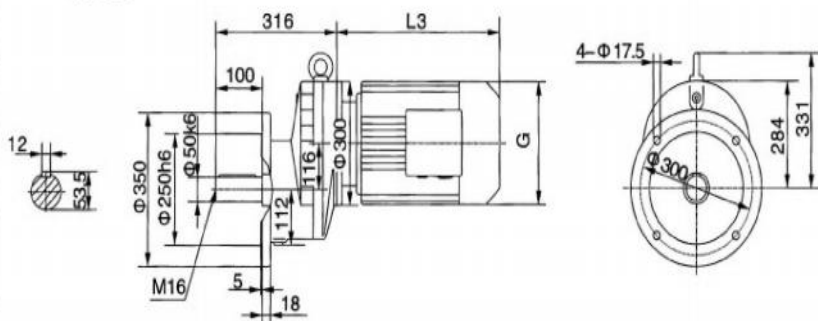
$\Phi 300$



电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



$\Phi 350$

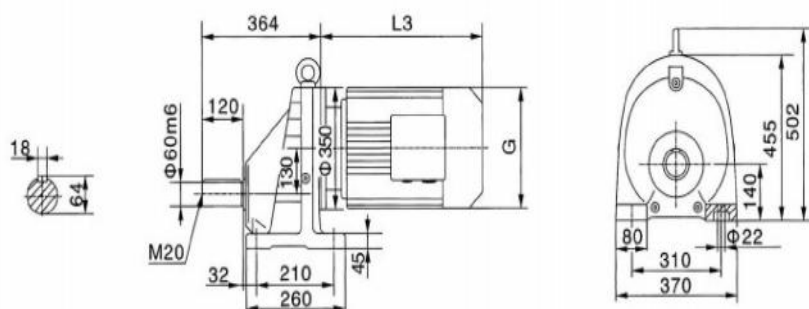


| Y <sub>2</sub> 电机机座号<br>Motor size | 132S | 132M | 160M | 160L | 180M | 180L | 200 |  |
|------------------------------------|------|------|------|------|------|------|-----|--|
| 功率/4P<br>Power/(KW)                | 5.5  | 7.5  | 11   | 15   | 18.5 | 22   | 30  |  |
| L3                                 | 425  | 461  | 524  | 547  | 583  | 616  | 654 |  |
| G                                  | 275  | 275  | 330  | 330  | 380  | 380  | 420 |  |
| L2                                 | 110  | 110  | 133  | 133  | 133  | 133  | 135 |  |

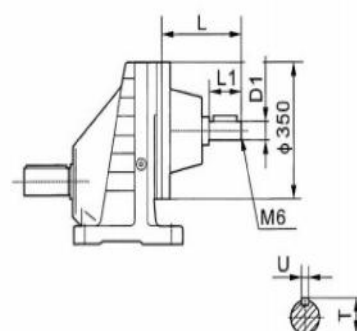
注: "RX.." 表示RX、RXF

Note: "RX.." mean RX、RXF

# RX107

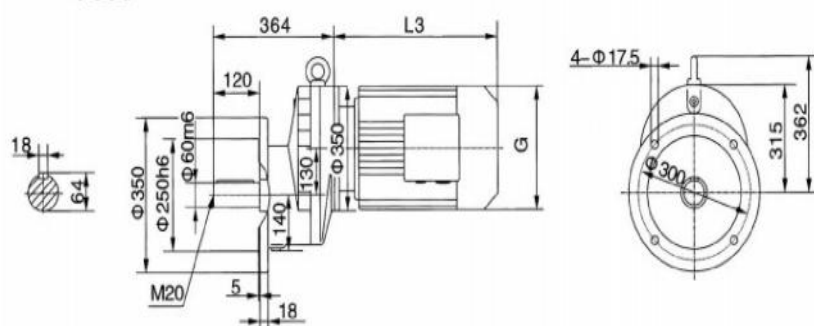


# RX..S107

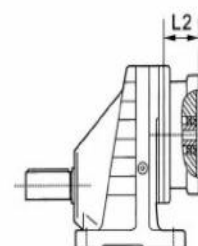


# RXF107

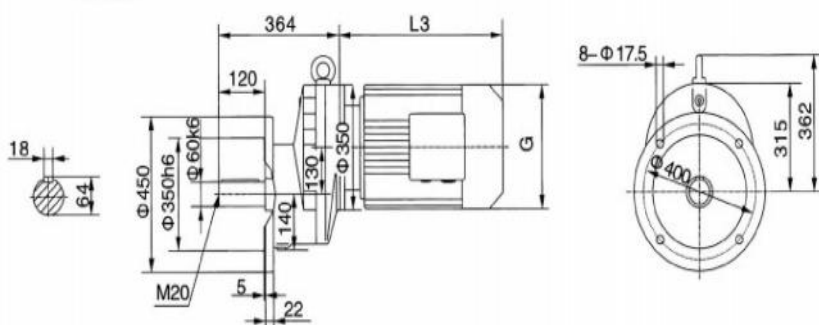
Φ350



电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



Φ450

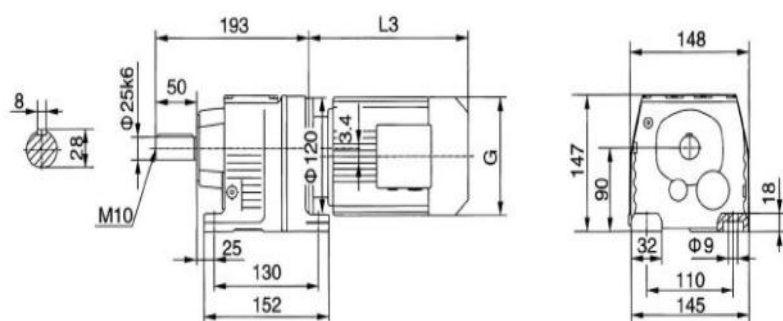


|                                    |      |      |      |      |      |     |      |      |  |
|------------------------------------|------|------|------|------|------|-----|------|------|--|
| Y <sub>2</sub> 电机机座号<br>Motor size | 132M | 160M | 160L | 180M | 180L | 200 | 225S | 225M |  |
| 功率/4P<br>Power/(KW)                | 7.5  | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   |  |
| L3                                 | 461  | 524  | 547  | 583  | 616  | 654 | 680  | 702  |  |
| G                                  | 275  | 330  | 330  | 380  | 380  | 420 | 470  | 470  |  |
| L2                                 | 110  | 133  | 133  | 133  | 133  | 135 | 170  | 170  |  |

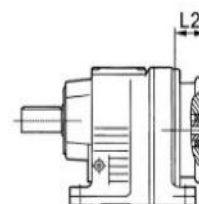
注: "RX.." 表示RX、RXF

Note: "RX.." mean RX、RXF

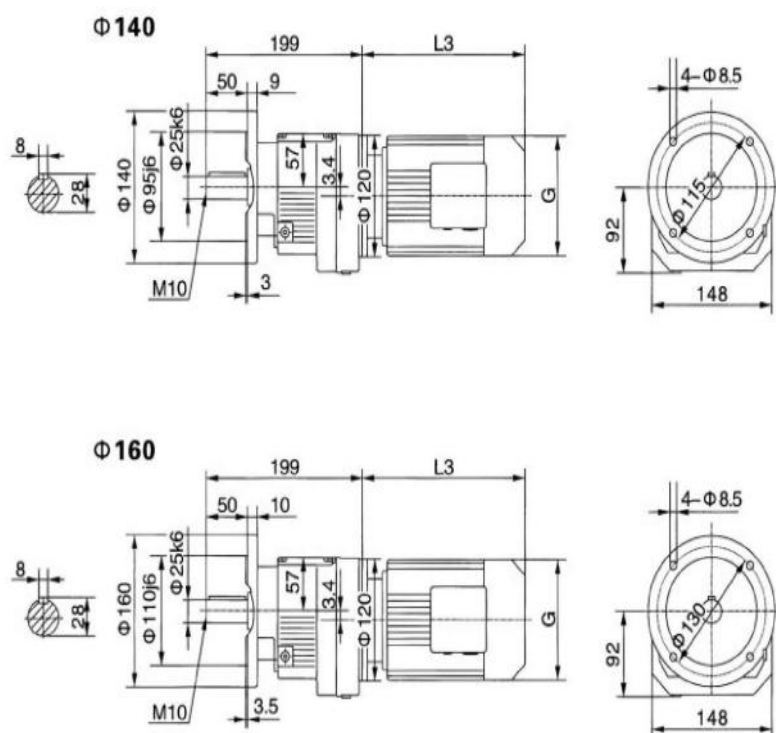
## R27



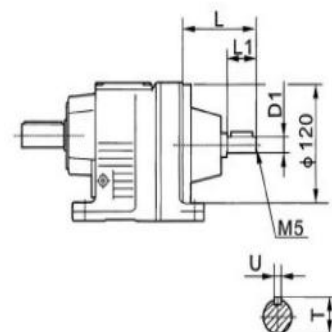
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



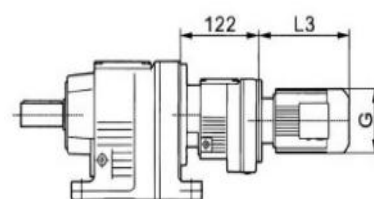
## RF27



## R..S27



## R..27R17



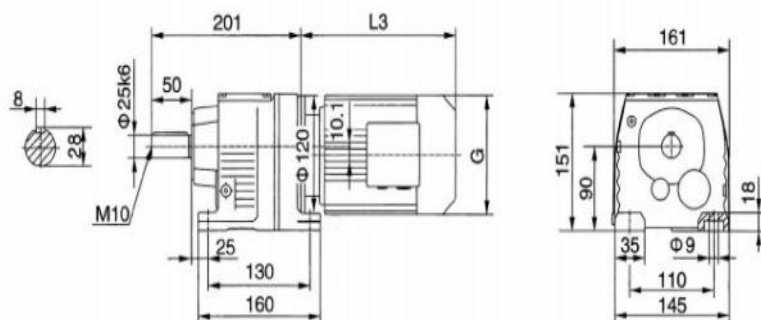
|                                   |      |      |      |      |      |     |     |     |     |  |
|-----------------------------------|------|------|------|------|------|-----|-----|-----|-----|--|
| Y <sub>2</sub> 电机座号<br>Motor size | 63   | 71   |      | 80   |      | 90S | 90L | 100 |     |  |
| 功率/4P<br>Power/(KW)               | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.1 | 1.5 | 2.2 | 3.0 |  |
| L3                                | 235  | 245  |      | 278  |      | 304 | 328 | 340 |     |  |
| G                                 | 130  | 145  |      | 175  |      | 195 | 195 | 215 |     |  |
| L2                                | 45   | 92   |      | 80   |      | 80  | 80  | 80  |     |  |

注: "R.." 表示 R、RF

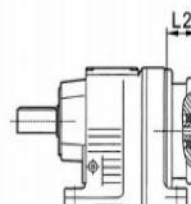
Note: "R.." mean R、RF



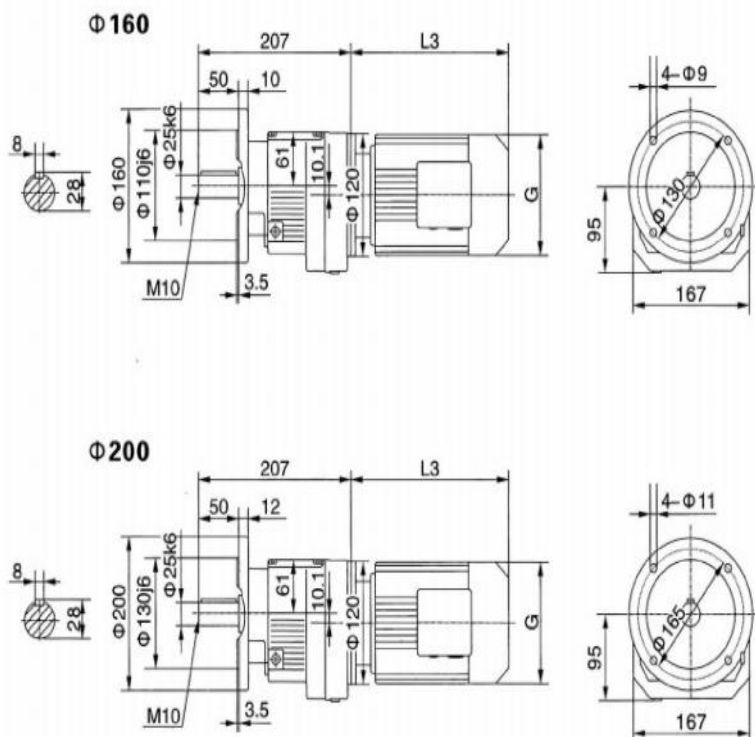
### R37



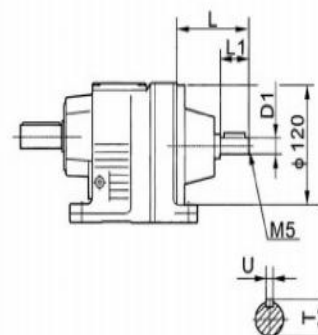
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



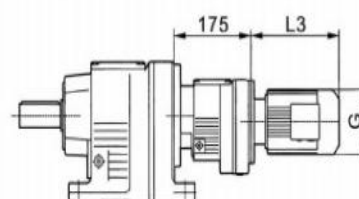
### RF37



### R..S37



### R..37R17

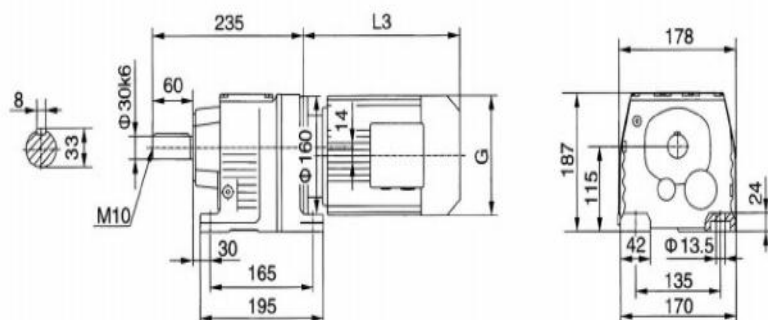


| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100L    |  |
|------------------------------------|------|-----------|-----------|-----|-----|---------|--|
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 |  |
| L3                                 | 235  | 245       | 278       | 304 | 328 | 340     |  |
| G                                  | 130  | 145       | 175       | 195 | 195 | 215     |  |
| L2                                 | 45   | 92        | 80        | 80  | 80  | 80      |  |

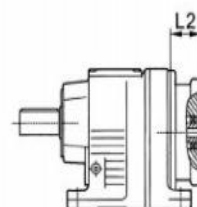
注: "R.." 表示 R、RF

Note: "R.." mean R、RF

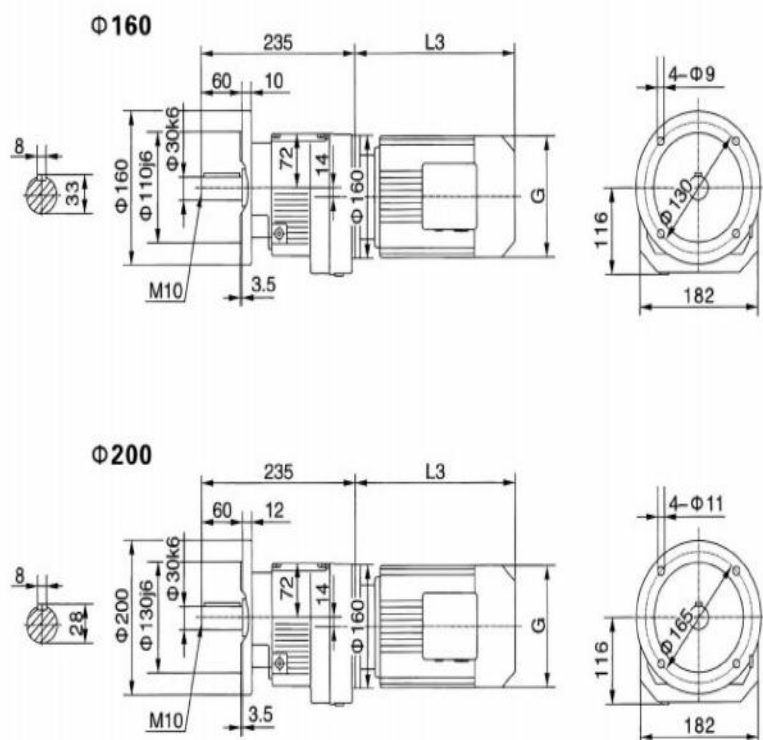
### R47



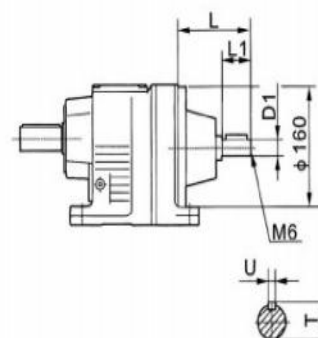
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



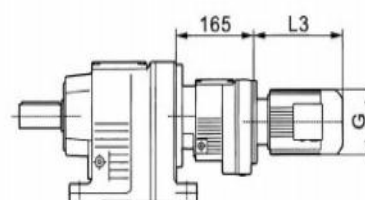
### RF47



### R..S47



### R..47R37

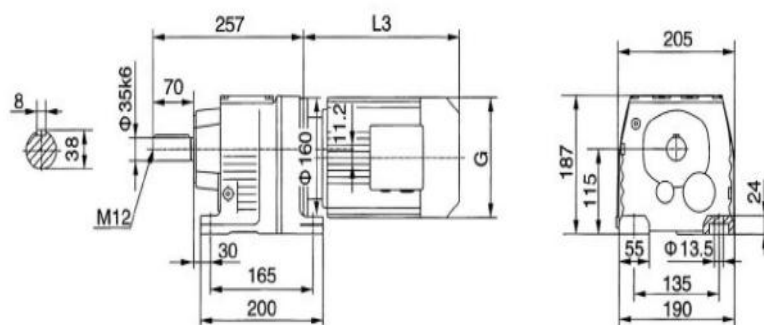


| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100     | 112M | 132S |  |
|------------------------------------|------|-----------|-----------|-----|-----|---------|------|------|--|
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  |  |
| L3                                 | 223  | 245       | 278       | 304 | 328 | 340     | 380  | 425  |  |
| G                                  | 130  | 145       | 175       | 195 | 195 | 215     | 240  | 275  |  |
| L2                                 | 45   | 55        | 80        | 80  | 80  | 100     | 100  | 110  |  |

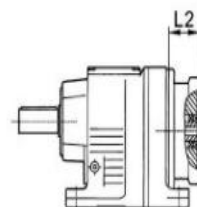
注：“R..”表示R、RF

Note:“R..”mean R、RF

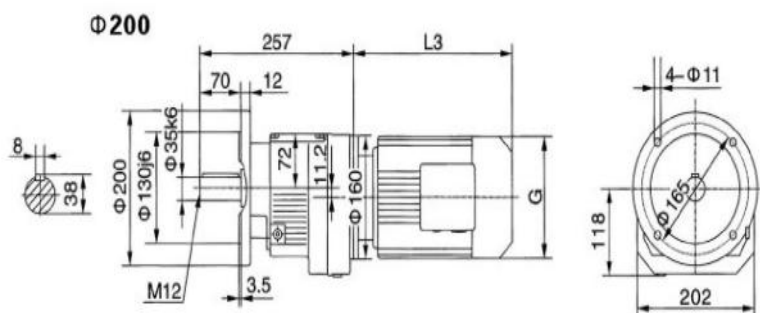
## R57



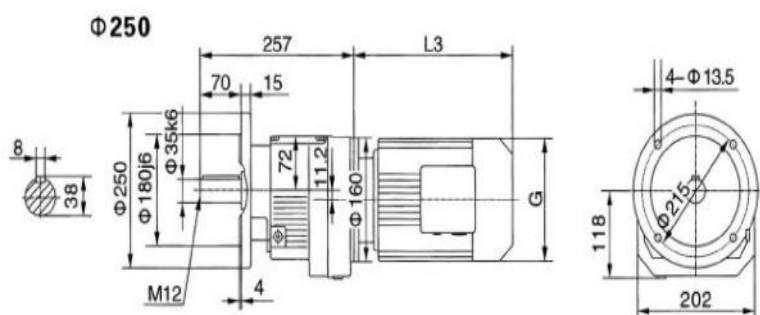
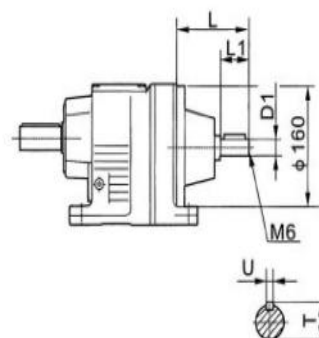
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



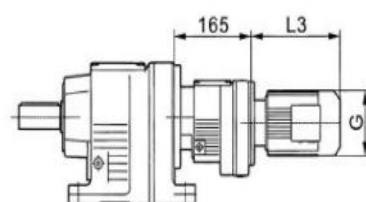
## RF57



## R..S57



## R..57R37



| Y <sub>2</sub> 电机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100L    | 112M | 132S | 132M |  |
|-----------------------------------|------|-----------|-----------|-----|-----|---------|------|------|------|--|
| 功率/4P<br>Power/(KW)               | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  | 7.5  |  |
| L3                                | 223  | 245       | 278       | 304 | 328 | 340     | 380  | 425  | 461  |  |
| G                                 | 130  | 145       | 175       | 195 | 195 | 215     | 240  | 275  | 275  |  |
| L2                                | 45   | 55        | 80        | 80  | 80  | 100     | 100  | 110  | 110  |  |

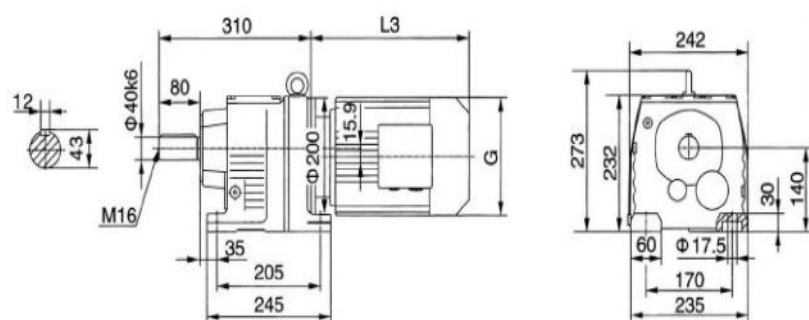
注: "R.." 表示R、RF

Note: "R.." mean R、RF

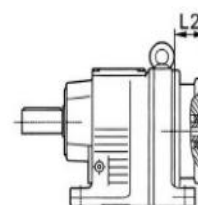




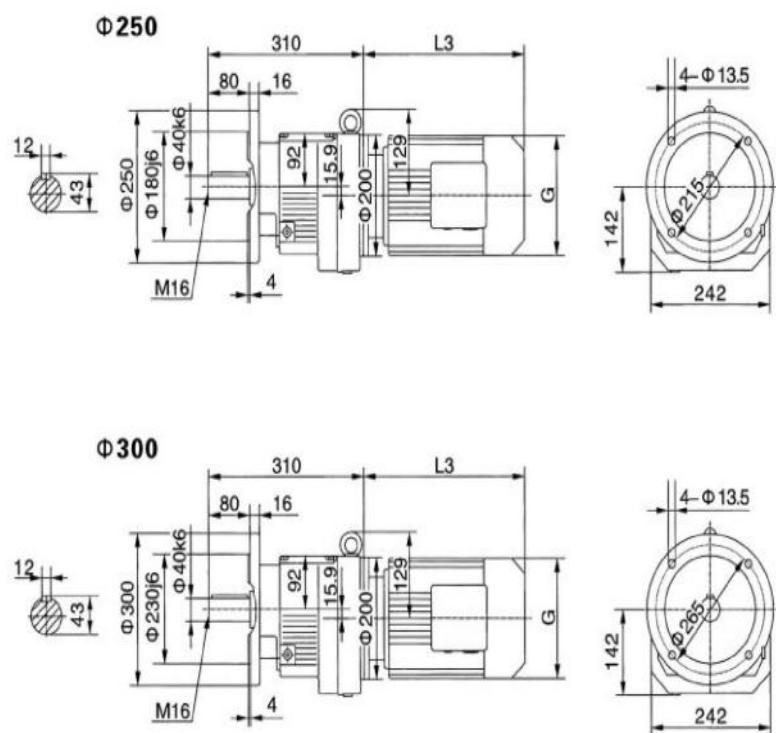
# R77



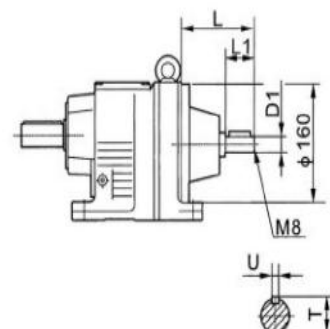
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



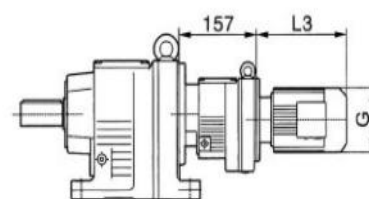
# RF77



# R..S77



# R..77R37

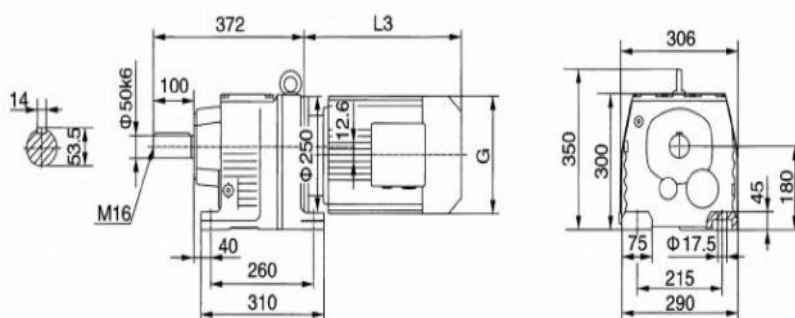


| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100L    | 112M | 132S | 132M | 160M |
|------------------------------------|------|-----------|-----------|-----|-----|---------|------|------|------|------|
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  | 7.5  | 11   |
| L3                                 | 223  | 233       | 278       | 304 | 328 | 350     | 380  | 425  | 461  | 524  |
| G                                  | 130  | 145       | 175       | 195 | 195 | 215     | 240  | 275  | 275  | 330  |
| L2                                 | 45   | 55        | 80        | 80  | 80  | 100     | 100  | 110  | 110  | 133  |

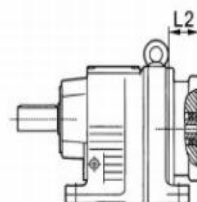
注: "R.." 表示R、RF

Note: "R.." mean R、RF

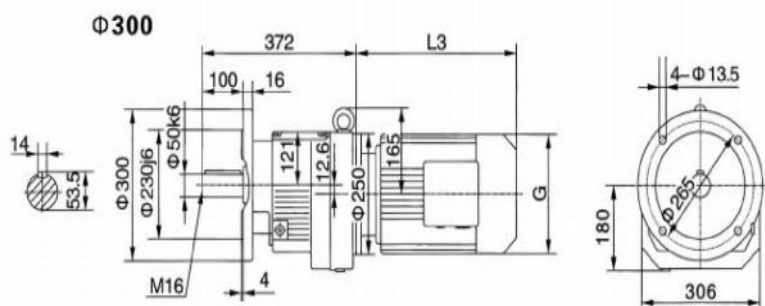
# R87



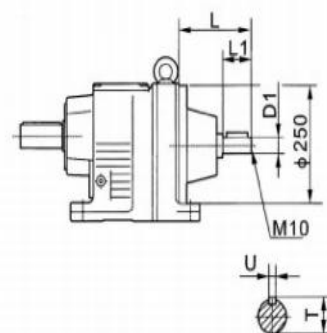
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



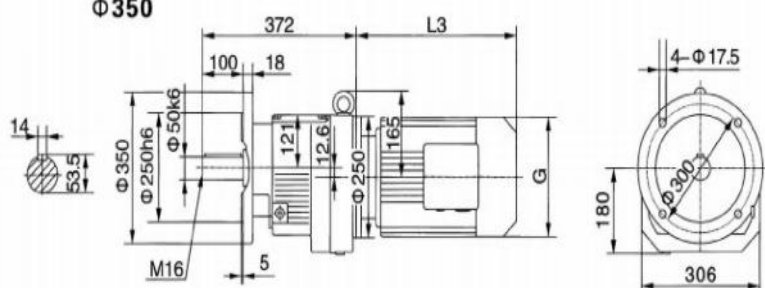
# RF87



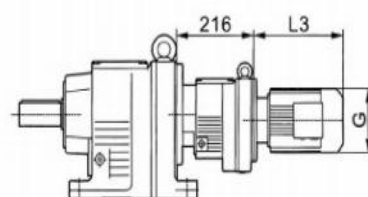
# R..S87



# 350



# R..87R57



| Y <sub>2</sub> 电机机座号<br>Motor size | 80          | 90S | 90L | 100L      | 112M | 132S | 132M | 160M | 160L | 180M | 180L |
|------------------------------------|-------------|-----|-----|-----------|------|------|------|------|------|------|------|
| 功率/4P<br>Power/(KW)                | 0.55   0.75 | 1.1 | 1.5 | 2.2   3.0 | 4.0  | 5.5  | 7.5  | 11   | 15   | 18.5 | 22   |
| L3                                 | 246         | 280 | 304 | 350       | 380  | 425  | 461  | 524  | 547  | 583  | 616  |
| G                                  | 175         | 195 | 195 | 215       | 240  | 275  | 275  | 330  | 330  | 380  | 380  |
| L2                                 | 80          | 80  | 80  | 100       | 100  | 110  | 110  | 133  | 133  | 133  | 133  |

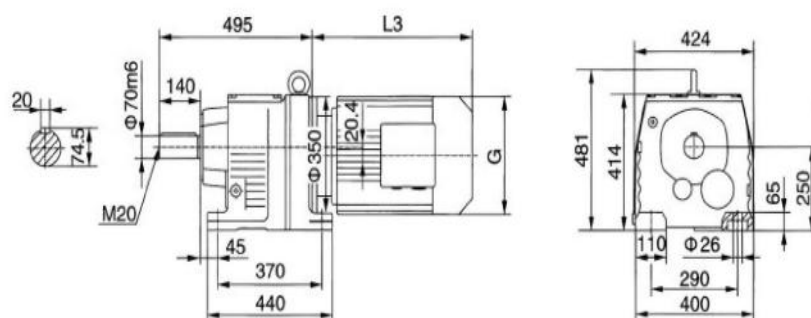
注: "R.." 表示R、RF

Note: "R.." mean R、RF

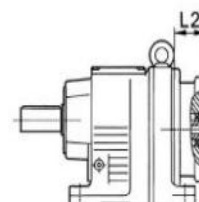




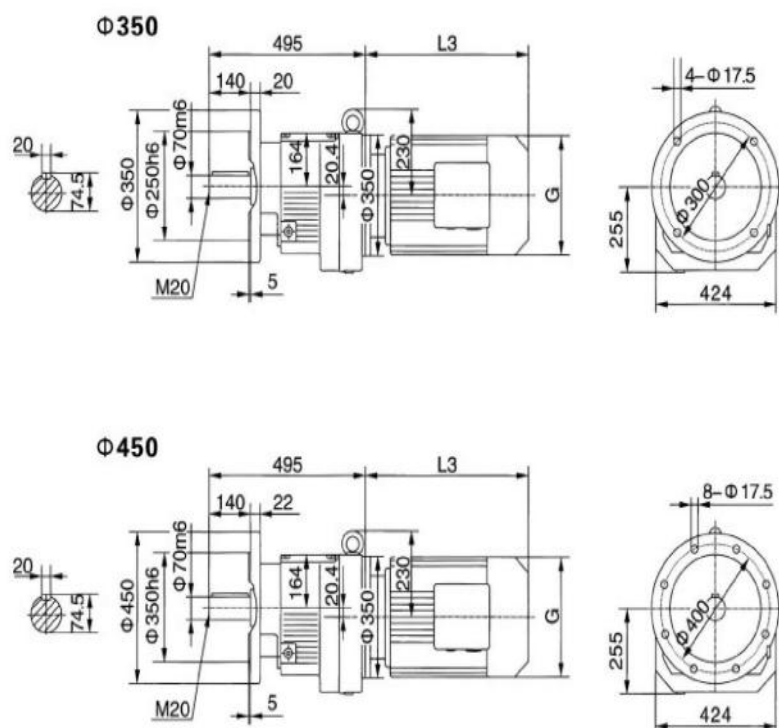
# R107



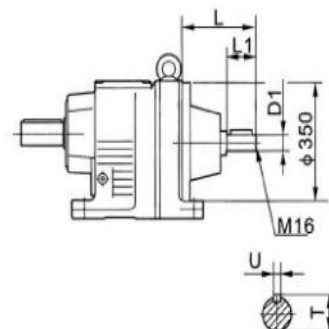
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



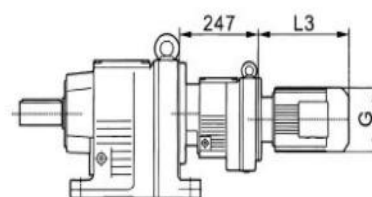
# RF107



# R..S107



# R..107R77

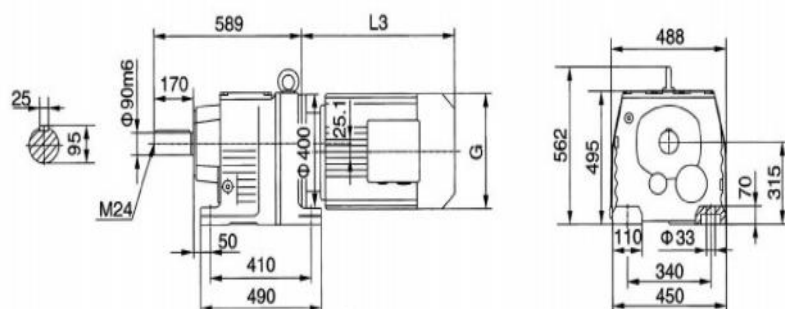


| Y <sub>2</sub> 电机机座号<br>Motor size | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200 | 225S | 225M |    |
|------------------------------------|------|------|------|------|------|------|------|------|-----|------|------|----|
| 功率/4P<br>Power/(KW)                | 2.2  | 3.0  | 4.0  | 5.5  | 7.5  | 11   | 15   | 18.5 | 22  | 30   | 37   | 45 |
| L3                                 | 318  | 334  | 386  | 422  | 504  | 519  | 555  | 588  | 654 | 680  | 702  |    |
| G                                  | 215  | 240  | 275  | 275  | 330  | 330  | 380  | 380  | 420 | 470  | 470  |    |
| L2                                 | 100  | 100  | 110  | 110  | 133  | 133  | 133  | 133  | 135 | 143  | 143  |    |

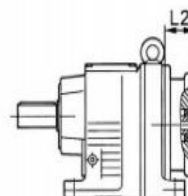
注：“R..”表示R、RF

Note:“R..”mean R、RF

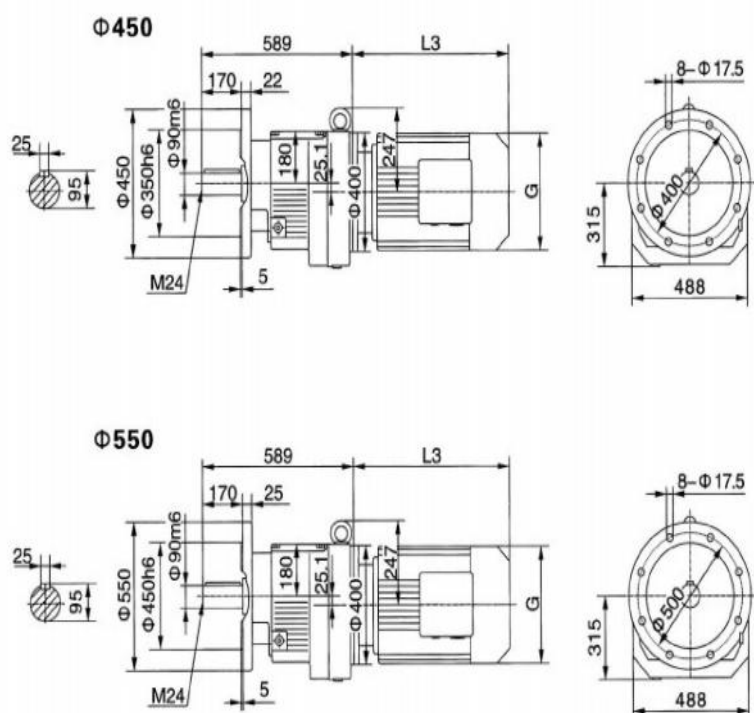
### R137



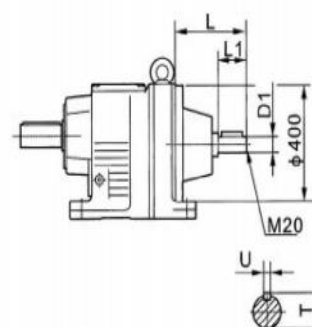
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



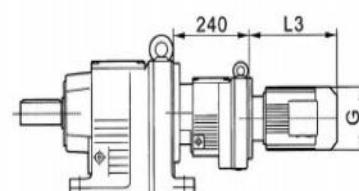
### RF137



### R..S137



### R..137R77



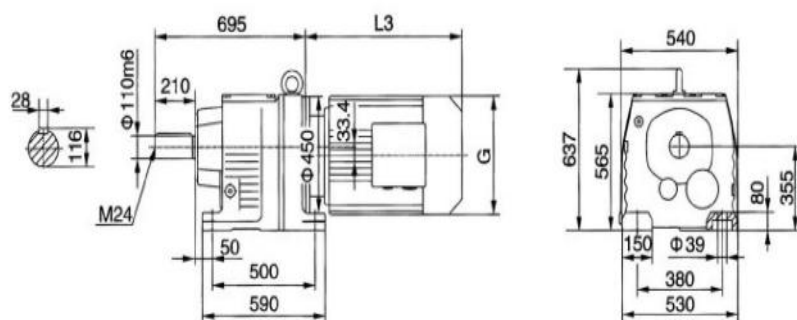
| Y <sub>2</sub> 电机机座号<br>Motor size | 132S | 132M | 160M | 160L | 180M | 180L | 200 | 225S | 225M | 250 |  |
|------------------------------------|------|------|------|------|------|------|-----|------|------|-----|--|
| 功率/4P<br>Power/(KW)                | 5.5  | 7.5  | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   | 55  |  |
| L3                                 | 388  | 424  | 476  | 519  | 555  | 588  | 654 | 680  | 702  | 771 |  |
| G                                  | 275  | 275  | 330  | 330  | 380  | 380  | 420 | 470  | 470  | 510 |  |
| L2                                 | 92   | 92   | 123  | 123  | 123  | 123  | 144 | 143  | 143  | 170 |  |

注：“R..”表示R、RF

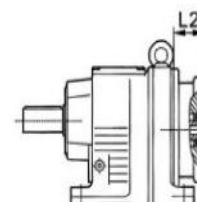
Note：“R..”mean R、RF



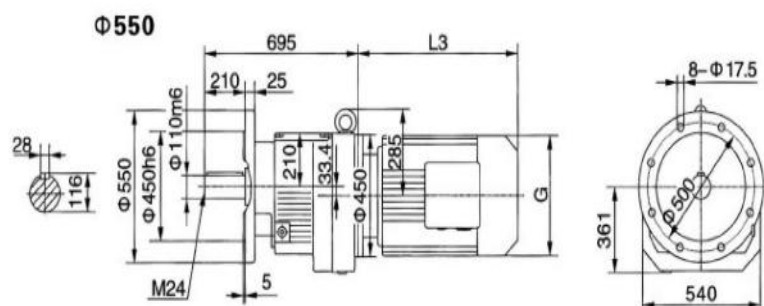
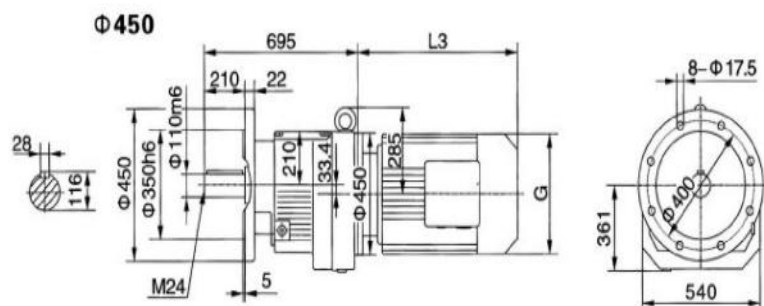
### R147



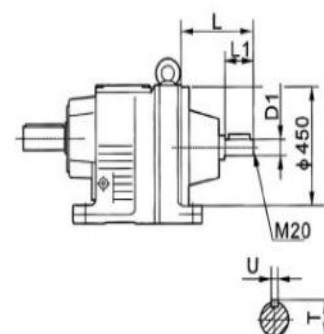
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



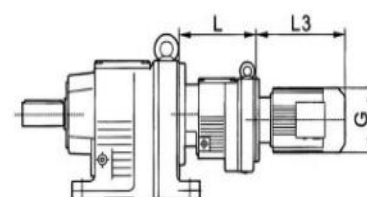
### RF147



### R..S147



### R..147R87(R77)



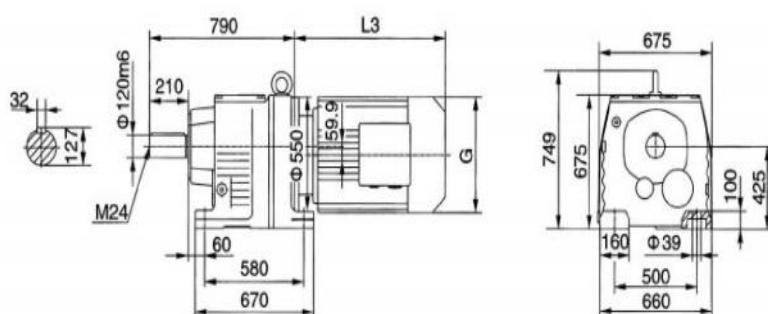
|   | R..147R77组合 | R..147R87组合 |
|---|-------------|-------------|
| L | 232         | 280         |

| Y <sub>2</sub> 电机机座号<br>Motor size | 160M | 160L | 180M | 180L | 200 | 225S | 225M | 250 | 280S | 280M |  |
|------------------------------------|------|------|------|------|-----|------|------|-----|------|------|--|
| 功率/4P<br>Power/(KW)                | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   | 55  | 75   | 90   |  |
| L3                                 | 567  | 602  | 583  | 616  | 654 | 674  | 696  | 775 | 845  | 845  |  |
| G                                  | 330  | 330  | 380  | 380  | 420 | 470  | 470  | 510 | 580  | 580  |  |
| L2                                 | 125  | 125  | 125  | 125  | 147 | 162  | 162  | 170 | 170  | 170  |  |

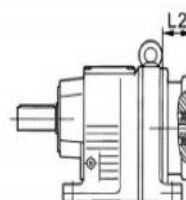
注: "R.." 表示R、RF

Note: "R.." mean R、RF

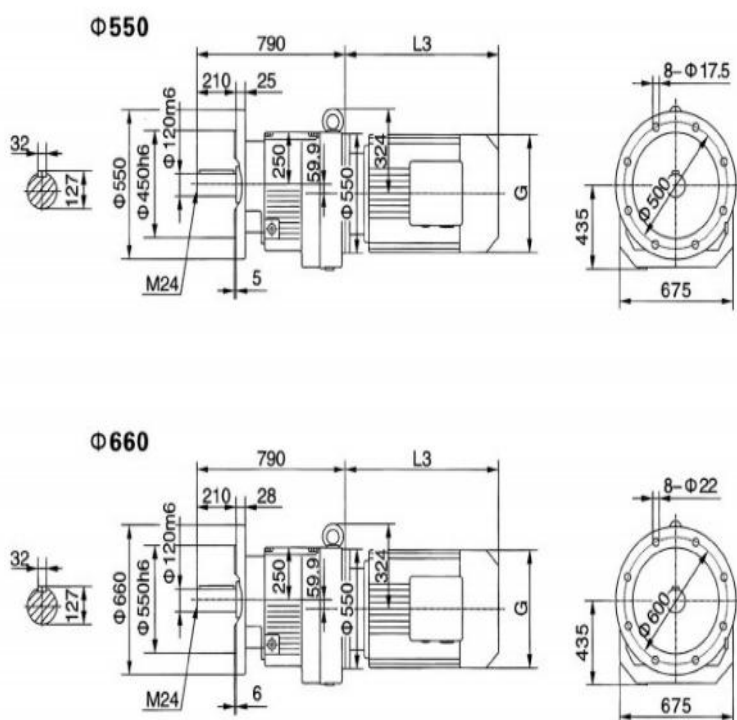
# R167



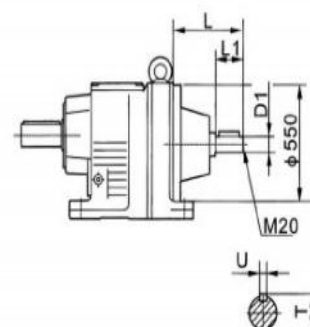
电机需方配时或配特殊电机时需加联接法兰  
When equipping the user's motor or the special one, the flange is required to be connected.



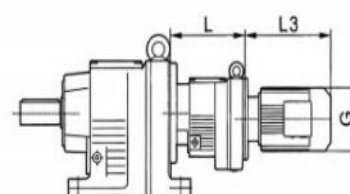
# RF167



# R..S167



# R..167R97(R107)



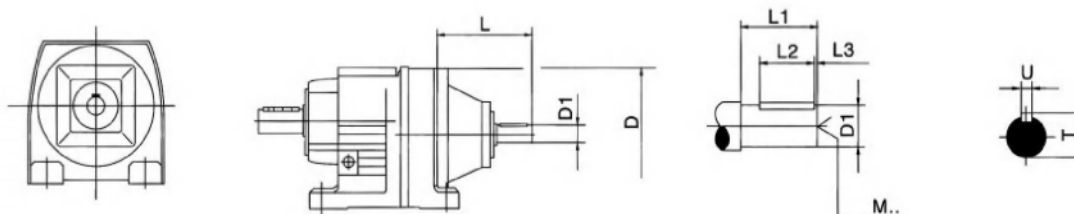
|   | R..167R97组合 | R..167R107组合 |
|---|-------------|--------------|
| L | 325         | 382          |

| Y <sub>2</sub> 电机机座号<br>Motor size | 160M | 160L | 180M | 180L | 200 | 225S | 225M | 250 | 280S | 280M | 315S | 315M | 315L |
|------------------------------------|------|------|------|------|-----|------|------|-----|------|------|------|------|------|
| 功率/4P<br>Power/(KW)                | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   | 55  | 75   | 90   | 110  | 132  | 160  |
| L3                                 | 567  | 602  | 635  | 666  | 642 | 669  | 691  | 770 | 828  | 879  | 1100 | 1130 | 1360 |
| G                                  | 330  | 330  | 380  | 380  | 420 | 470  | 470  | 510 | 580  | 580  | 645  | 645  | 645  |
| L2                                 | 125  | 125  | 125  | 125  | 147 | 145  | 145  | 170 | 170  | 170  | -    | -    | -    |

注：“R..”表示R、RF

Note:“R..”mean R、RF

R..AD..



|                |     | D   | L   | D1 | L1  | L3 | L2  | T    | U  | M   |
|----------------|-----|-----|-----|----|-----|----|-----|------|----|-----|
| R..27<br>R..37 | AD1 | 120 | 102 | 16 | 40  | 4  | 32  | 18   | 5  | M5  |
|                | AD2 |     | 130 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                | AD2 | 160 | 123 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                | AD3 |     | 159 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
| R..77          | AD2 | 200 | 116 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                | AD3 |     | 151 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
|                | AD4 |     | 224 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
| R..87          | AD2 | 250 | 111 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                | AD3 |     | 156 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                | AD4 |     | 219 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                | AD5 |     | 292 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
| R..97          | AD3 | 300 | 151 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                | AD4 |     | 214 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                | AD5 |     | 287 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                | AD6 |     | 327 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| R..107         | AD3 | 350 | 145 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                | AD4 |     | 208 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                | AD5 |     | 281 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                | AD6 |     | 321 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| R..137         | AD4 | 400 | 201 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                | AD5 |     | 274 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                | AD6 |     | 314 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                | AD7 |     | 308 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
| R..147         | AD4 | 450 | 193 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                | AD5 |     | 266 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                | AD6 |     | 306 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                | AD7 |     | 300 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                | AD8 |     | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| R..167         | AD5 | 550 | 258 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                | AD6 |     | 298 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                | AD7 |     | 292 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                | AD8 |     | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |



R..AM..

Fig.1

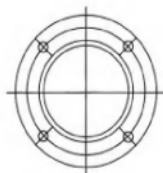
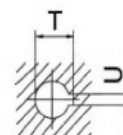
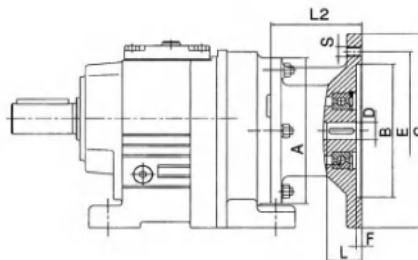
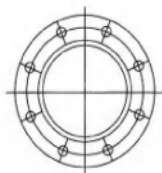


Fig.2

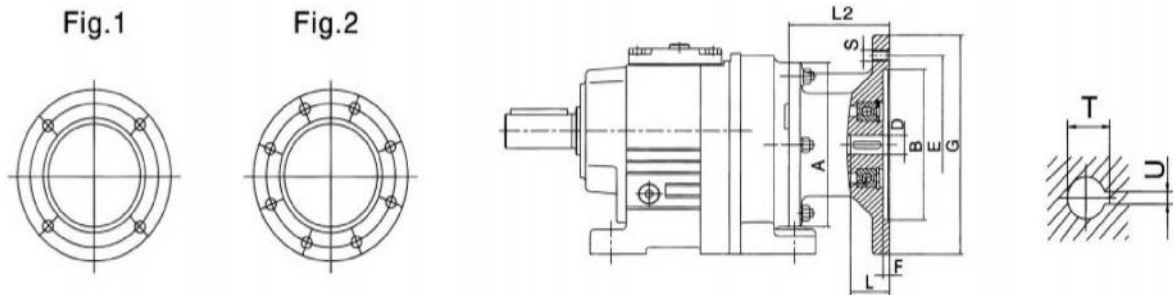


|                         |                      | Fig | B   | E   | F   | A   | G   | S   | L2   | D  | L    | T1   | U1 |      |    |  |
|-------------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|------|----|------|------|----|------|----|--|
| R..27<br>R..37          | AM63                 | 1   | 95  | 115 | 3.5 | 120 | 140 | M8  | 45   | 11 | 23   | 12.8 | 4  |      |    |  |
|                         | AM71 <sup>1)</sup>   |     | 110 | 130 |     |     | 160 |     | 92   | 14 | 30   | 16.3 | 5  |      |    |  |
|                         | AM80 <sup>1)</sup>   |     | 130 | 165 | 4.5 |     | 200 | M10 | 80   | 19 | 40   | 21.8 | 6  |      |    |  |
|                         | AM90 <sup>1)</sup>   |     |     |     |     |     |     |     |      | 24 | 50   | 27.3 | 8  |      |    |  |
| R..47<br>R..57<br>R..67 | AM63                 | 1   | 95  | 115 | 3.5 | 160 | 140 | M8  | 45   | 11 | 23   | 12.8 | 4  |      |    |  |
|                         | AM71                 |     | 110 | 130 |     |     | 160 |     | 55   | 14 | 30   | 16.3 | 5  |      |    |  |
|                         | AM80                 |     | 130 | 165 | 4.5 |     | 200 | M10 | 80   | 19 | 40   | 21.8 | 6  |      |    |  |
|                         | AM90                 |     |     |     |     |     |     |     |      | 24 | 50   | 27.3 | 8  |      |    |  |
|                         | AM100 <sup>1)</sup>  |     | 180 | 215 | 5   |     | 250 | M12 | 100  | 28 | 60   | 31.3 | 8  |      |    |  |
|                         | AM112 <sup>1)</sup>  |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
| R..77                   | AM63                 | 1   | 95  | 115 | 3.5 | 200 | 140 | M8  | 45   | 11 | 23   | 12.8 | 4  |      |    |  |
|                         | AM71                 |     | 110 | 130 |     |     | 160 |     | 55   | 14 | 30   | 16.3 | 5  |      |    |  |
|                         | AM80                 |     | 130 | 165 | 4.5 |     | 200 | M10 | 80   | 19 | 40   | 21.8 | 6  |      |    |  |
|                         | AM90                 |     |     |     |     |     |     |     |      | 24 | 50   | 27.3 | 8  |      |    |  |
|                         | AM100 <sup>1)</sup>  |     | 180 | 215 | 5   |     | 250 | M12 | 100  | 28 | 60   | 31.3 | 8  |      |    |  |
|                         | AM112 <sup>1)</sup>  |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
|                         | AM132S <sup>1)</sup> |     | 230 | 265 | 5   |     | 300 |     | 110  | 38 | 80   | 41.3 | 10 |      |    |  |
|                         | AM132M <sup>1)</sup> |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
| AM132ML <sup>1)</sup>   |                      |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
| R..87                   | AM80                 | 1   | 130 | 165 | 4.5 | 250 | 200 | M10 | 80   | 19 | 40   | 21.8 | 6  |      |    |  |
|                         | AM90                 |     |     |     | 24  |     | 50  |     | 27.3 | 8  |      |      |    |      |    |  |
|                         | AM100                |     | 180 | 215 | 5   |     | 250 | M12 | 100  | 28 | 60   | 31.3 | 8  |      |    |  |
|                         | AM112                |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
|                         | AM132S               |     | 230 | 265 | 5   |     | 300 |     | 110  | 38 | 80   | 41.3 | 10 |      |    |  |
|                         | AM132M               |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
|                         | AM132ML              |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
|                         | AN160 <sup>1)</sup>  |     | 250 | 300 | 6   |     | 350 | M16 | 133  | 42 | 110  | 45.3 | 12 |      |    |  |
| AM180 <sup>1)</sup>     | 48                   |     |     |     |     |     |     |     | 51.8 | 14 |      |      |    |      |    |  |
| R..97                   | AM100                | 1   | 180 | 215 | 5   | 300 | 250 | M12 | 100  | 28 | 60   | 31.3 | 8  |      |    |  |
|                         | AM112                |     | 230 | 265 |     |     | 5   |     | 300  |    | 110  | 38   | 80 | 41.3 | 10 |  |
|                         | AM132S               |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
|                         | AM132M               |     |     |     |     |     |     |     |      |    |      |      |    |      |    |  |
|                         | AM132ML              |     | 250 | 300 | 6   |     | 350 | M16 | 133  | 42 | 110  | 45.3 | 12 |      |    |  |
|                         | AM160                |     |     |     |     |     |     |     |      | 48 |      | 51.8 | 14 |      |    |  |
|                         | AM180                |     | 300 | 350 | 7   |     | 400 |     | 135  | 55 | 59.3 | 16   |    |      |    |  |
|                         | AM225 <sup>1)</sup>  |     |     |     |     |     |     |     |      | 60 | 140  | 64.4 | 18 |      |    |  |

1) 如果安装在BR系列脚安装方式的减速机上, 请检查尺寸G/2, 它可能已突出平面

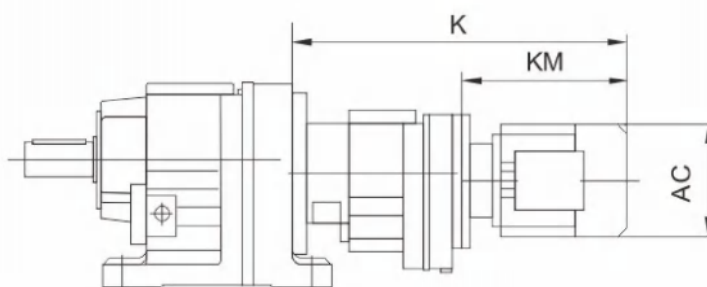
Dimension G/2 May protrude past foot mounting surface if mounted on s foot-mounted gear unit, please check.

R..AM..



|        |         | Fig | B   | E   | F   | A   | G   | S   | L2   | D    | T    | U    |    |
|--------|---------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|----|
| R..107 | AM100   | 1   | 180 | 215 | 5   | 350 | 250 | M12 | 100  | 28   | 31.3 | 8    |    |
|        | AM112   |     |     |     |     |     |     |     |      |      |      |      |    |
|        | AM132S  |     | 230 | 265 | 6   |     | 300 | M16 | 110  | 38   | 41.3 | 10   |    |
|        | AM132M  |     |     |     |     |     |     |     |      |      |      |      |    |
|        | AM132ML |     | 300 | 350 | 7   |     | 400 | M16 | 133  | 42   | 45.3 | 12   |    |
|        | AM160   |     |     |     |     |     |     |     |      | 48   | 51.8 | 14   |    |
|        | AM180   | 300 | 350 | 7   | 400 | M16 | 135 | 55  | 59.3 | 16   |      |      |    |
|        | AM200   |     |     |     |     |     |     | 60  | 64.4 | 18   |      |      |    |
|        | AM225   | 2   | 350 | 400 |     | 450 |     | 143 | 60   | 64.4 | 18   |      |    |
| R..137 | AM132S  | 1   | 230 | 265 | 5   | 400 | 300 | M12 | 92   | 38   | 41.3 | 10   |    |
|        | AM132M  |     |     |     |     |     |     |     |      |      |      |      |    |
|        | AM132ML |     | 250 | 300 | 6   |     | 350 | M16 | 123  | 42   | 45.3 | 12   |    |
|        | AM160   |     |     |     |     |     |     |     |      | 48   | 51.8 | 14   |    |
|        | AM180   |     | 300 | 350 | 7   |     | 400 | M16 | 144  | 55   | 59.3 | 16   |    |
|        | AM200   | 60  |     |     |     |     |     |     |      | 64.4 | 18   |      |    |
|        | AM225   | 2   | 350 | 400 |     |     | 450 |     | 143  | 60   | 64.4 | 18   |    |
| R..147 | AM132S  | 1   | 230 | 265 | 5   | 450 | 300 | M12 | 125  | 38   | 41.3 | 10   |    |
|        | AM132M  |     |     |     |     |     |     |     |      |      |      |      |    |
|        | AM132ML |     | 250 | 300 | 6   |     | 350 | M16 | 125  | 42   | 45.3 | 12   |    |
|        | AM160   |     |     |     |     |     |     |     |      | 48   | 51.8 | 14   |    |
|        | AM180   |     | 300 | 350 | 7   |     | 400 | M16 | 147  | 55   | 59.3 | 16   |    |
|        | AM200   | 60  |     |     |     |     |     |     |      | 64.4 | 18   |      |    |
|        | AM225   | 2   | 350 | 400 | 7   |     | 450 | M16 | 162  | 65   |      | 69.4 |    |
|        | AM250   |     |     |     |     |     |     |     |      | 75   | 79.9 | 20   |    |
|        | AM280   |     |     |     |     |     | 550 |     | 170  |      |      |      |    |
| R..167 | AN160   | 1   | 250 | 300 | 6   | 550 | 350 | M16 | 125  | 42   | 45.3 | 12   |    |
|        | AM180   |     |     |     |     |     |     |     |      | 48   | 51.8 | 14   |    |
|        | AM200   |     | 300 | 350 | 7   |     | 400 |     | 147  | 55   | 59.3 | 16   |    |
|        | AM225   | 2   | 350 | 400 |     |     | 550 |     | M16  | 145  | 60   | 64.4 | 18 |
|        | AM250   |     |     |     |     |     |     |     |      |      | 65   | 69.4 |    |
|        | AM280   | 450 | 500 |     |     |     | 550 |     |      | 170  | 75   | 79.9 | 20 |

# R..R..



|                                  |        | AC  | K   | KM  |
|----------------------------------|--------|-----|-----|-----|
| R..27R17<br>R..37R17             | D63..  | 138 | 368 | 193 |
|                                  | D71D   | 158 | 369 | 194 |
|                                  | D80..  | 168 | 419 | 244 |
| R..47R37<br>R..57R37<br>R..67R37 | D63..  | 138 | 386 | 221 |
|                                  | D71D   | 158 | 404 | 239 |
|                                  | D80..  | 168 | 436 | 271 |
| R..77R37                         | D63..  | 138 | 378 | 221 |
|                                  | D71D   | 158 | 396 | 239 |
|                                  | D80..  | 168 | 428 | 271 |
|                                  | D90..  | 195 | 471 | 314 |
| R..87R57                         | D63..  | 138 | 432 | 216 |
|                                  | D71D   | 158 | 449 | 233 |
|                                  | D80..  | 168 | 481 | 265 |
|                                  | D90..  | 195 | 525 | 309 |
| R..97R57                         | D63..  | 138 | 427 | 216 |
|                                  | D71D   | 158 | 444 | 233 |
|                                  | D80..  | 168 | 476 | 265 |
|                                  | D90..  | 195 | 520 | 309 |
|                                  | D100M  | 218 | 537 | 326 |
|                                  | D100L  | 218 | 537 | 326 |
| R..107R77                        | D63..  | 138 | 457 | 210 |
|                                  | D71D   | 158 | 474 | 227 |
|                                  | D80..  | 168 | 506 | 259 |
|                                  | D90..  | 195 | 548 | 301 |
|                                  | D100M  | 218 | 565 | 318 |
|                                  | D100L  | 218 | 565 | 318 |
|                                  | D112M  | 240 | 620 | 373 |
|                                  | D132S  | 275 | 655 | 408 |
|                                  | D132M  | 275 | 655 | 408 |
|                                  | D132ML | 275 | 655 | 408 |
| R..137R77                        | D63..  | 138 | 450 | 210 |
|                                  | D71D   | 158 | 467 | 227 |
|                                  | D80..  | 168 | 499 | 259 |
|                                  | D90..  | 195 | 541 | 301 |
|                                  | D100M  | 218 | 558 | 318 |
|                                  | D100L  | 218 | 558 | 318 |
|                                  | D112M  | 240 | 613 | 373 |
|                                  | D132S  | 275 | 648 | 408 |
|                                  | D132M  | 275 | 648 | 408 |
|                                  | D132ML | 275 | 648 | 408 |
|                                  | D160M  | 330 | 749 | 509 |

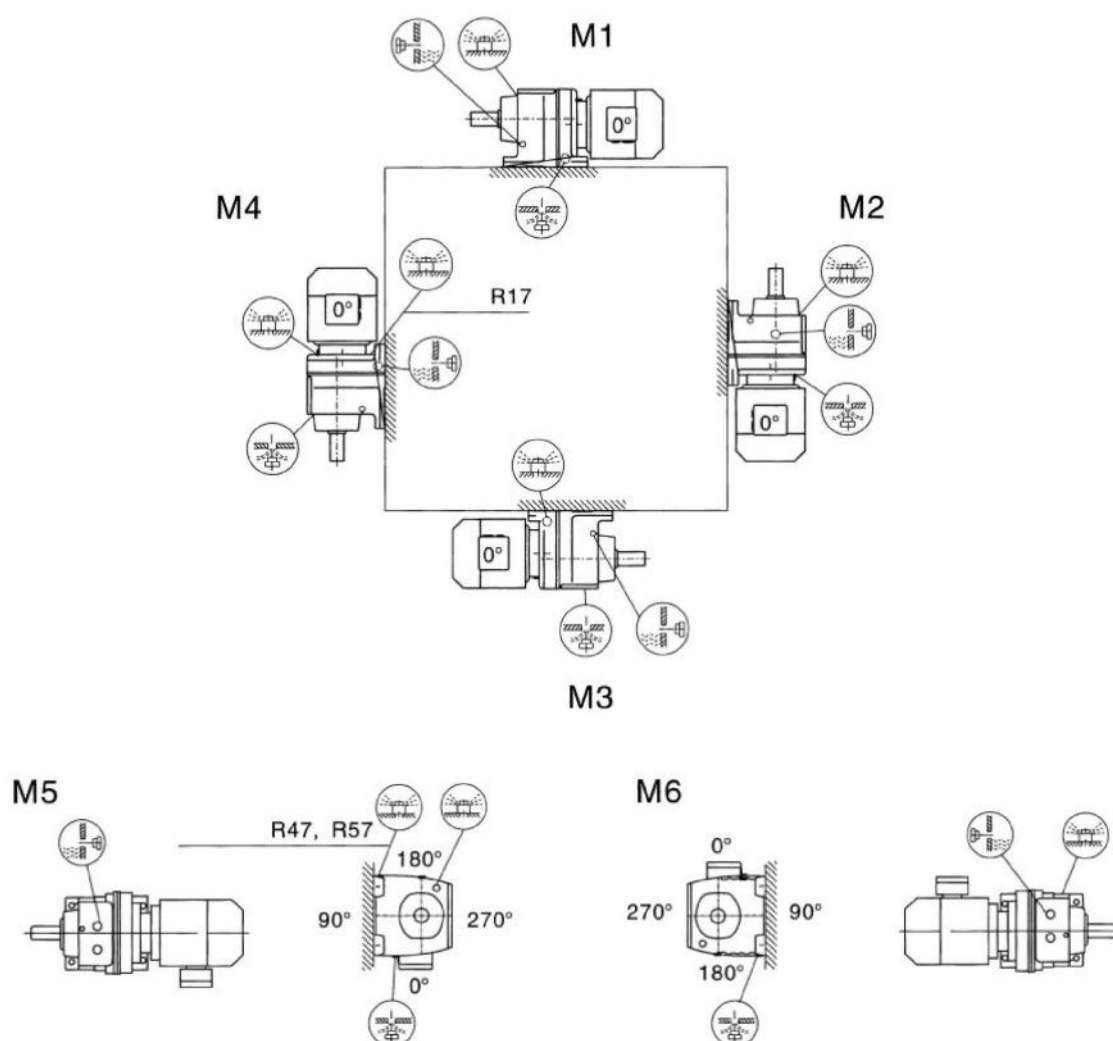
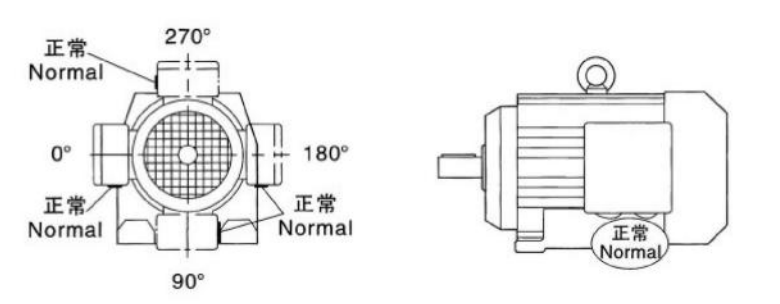
|            |        | AC  | K    | KM  |
|------------|--------|-----|------|-----|
| R..147R77  | D63..  | 138 | 442  | 210 |
|            | D71D   | 158 | 459  | 227 |
|            | D80..  | 168 | 491  | 259 |
|            | D90..  | 195 | 533  | 301 |
|            | D100M  | 218 | 550  | 318 |
|            | D100L  | 218 | 550  | 318 |
|            | D112M  | 240 | 605  | 373 |
|            | D132S  | 275 | 640  | 408 |
|            | D132M  | 275 | 640  | 408 |
|            | D132ML | 275 | 640  | 408 |
| R..147R87  | D160M  | 330 | 741  | 509 |
|            | D90..  | 195 | 577  | 297 |
|            | D100M  | 218 | 594  | 314 |
|            | D100L  | 218 | 594  | 314 |
|            | D112M  | 240 | 648  | 368 |
|            | D132S  | 275 | 683  | 403 |
|            | D132M  | 275 | 683  | 403 |
|            | D132ML | 275 | 683  | 403 |
|            | D160M  | 330 | 784  | 504 |
|            | D160L  | 330 | 828  | 548 |
| R..167R97  | D180.. | 380 | 855  | 575 |
|            | D80..  | 168 | 579  | 254 |
|            | D90..  | 195 | 616  | 291 |
|            | D100M  | 218 | 633  | 308 |
|            | D100L  | 218 | 633  | 308 |
|            | D112M  | 240 | 688  | 363 |
|            | D132S  | 275 | 723  | 398 |
|            | D132M  | 275 | 723  | 398 |
|            | D132ML | 275 | 723  | 398 |
|            | D160M  | 330 | 824  | 499 |
| R..167R107 | D160L  | 330 | 868  | 543 |
|            | D180.. | 380 | 895  | 570 |
|            | D100M  | 218 | 684  | 302 |
|            | D100L  | 218 | 684  | 302 |
|            | D112M  | 240 | 739  | 357 |
|            | D132S  | 275 | 774  | 392 |
|            | D132M  | 275 | 774  | 392 |
|            | D132ML | 275 | 774  | 392 |
|            | D160M  | 330 | 875  | 493 |
|            | D160L  | 330 | 919  | 537 |
|            | D180.. | 380 | 946  | 564 |
|            | D200.. | 420 | 1076 | 694 |
|            | D225.. | 470 | 1117 | 735 |

注：上表中电机尺寸为参考尺寸，因空间限制对电机尺寸有严格要求时请向我公司咨询。

Notes: The dimension of motor in the above table is only for reference. If you have special require, pls consult us.

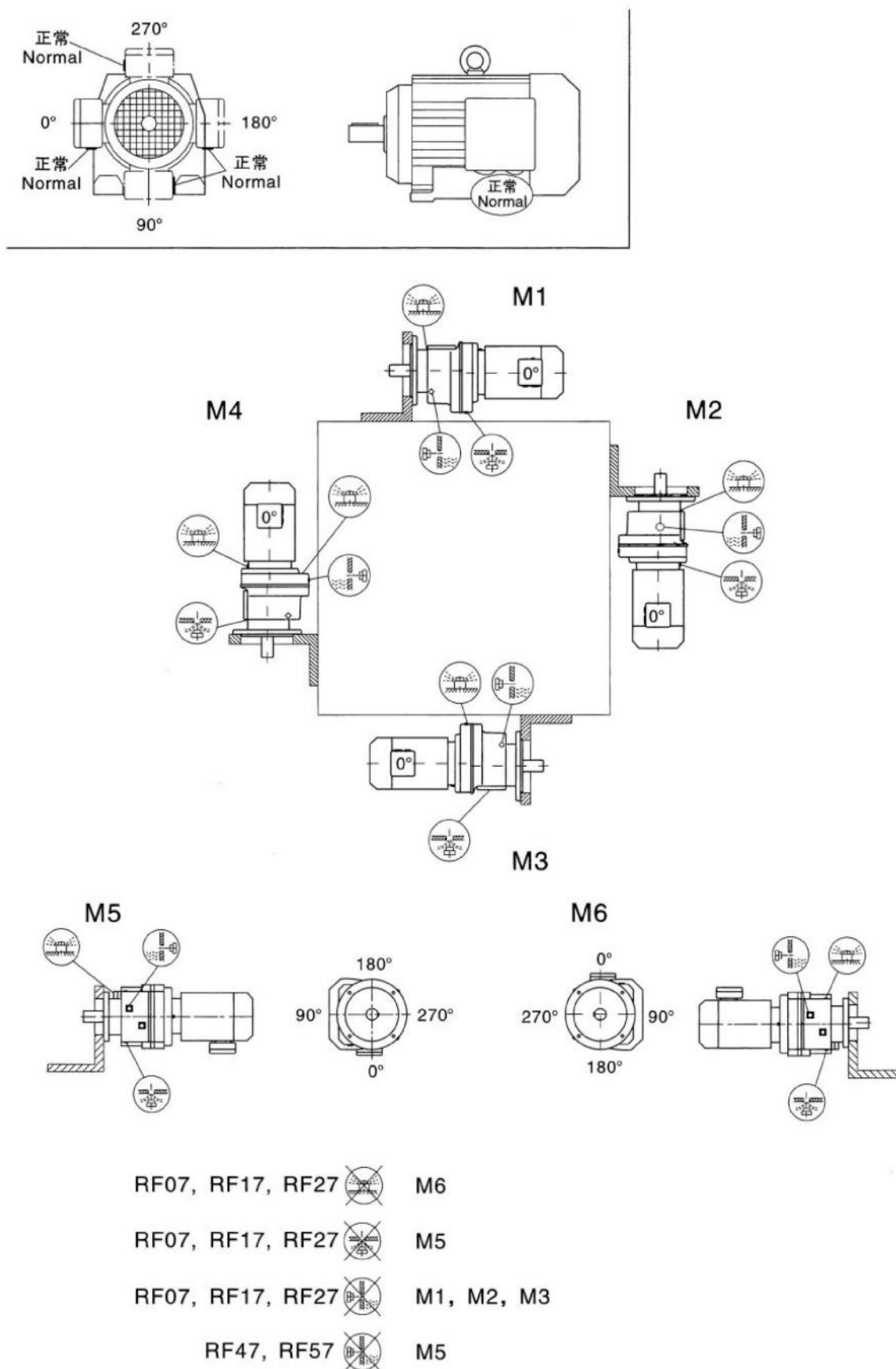


# R07-R167安装形式图 R07-R167 Mounting position example

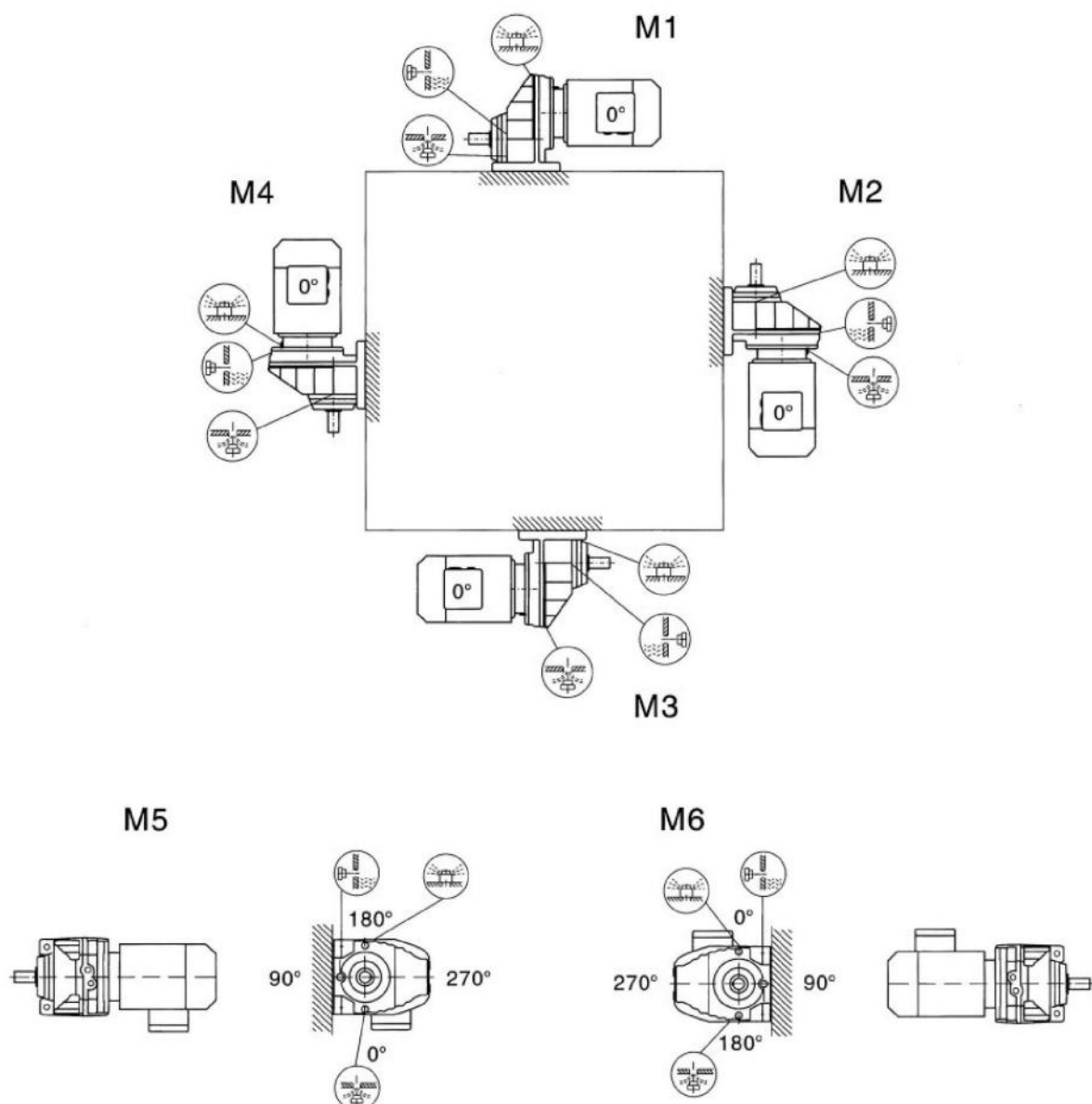
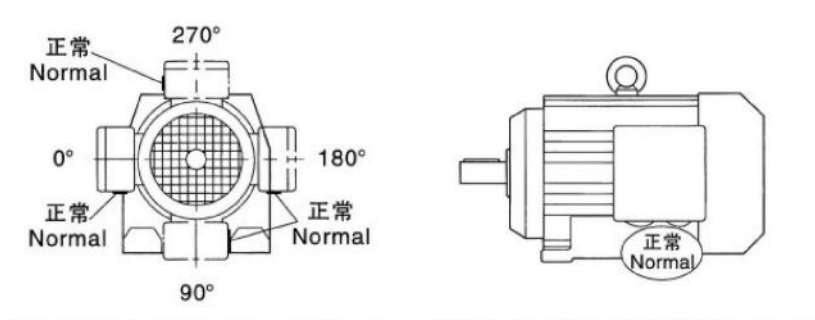


- |               |                                                                                     |            |
|---------------|-------------------------------------------------------------------------------------|------------|
| R07, R17, R27 |  | M6         |
| R07, R17, R27 |  | M5         |
| R07, R17, R27 |  | M1, M2, M3 |
| R47, R57      |  | M5         |

# RF07-RF167安装形式图 RF07-RF167 Mounting position example

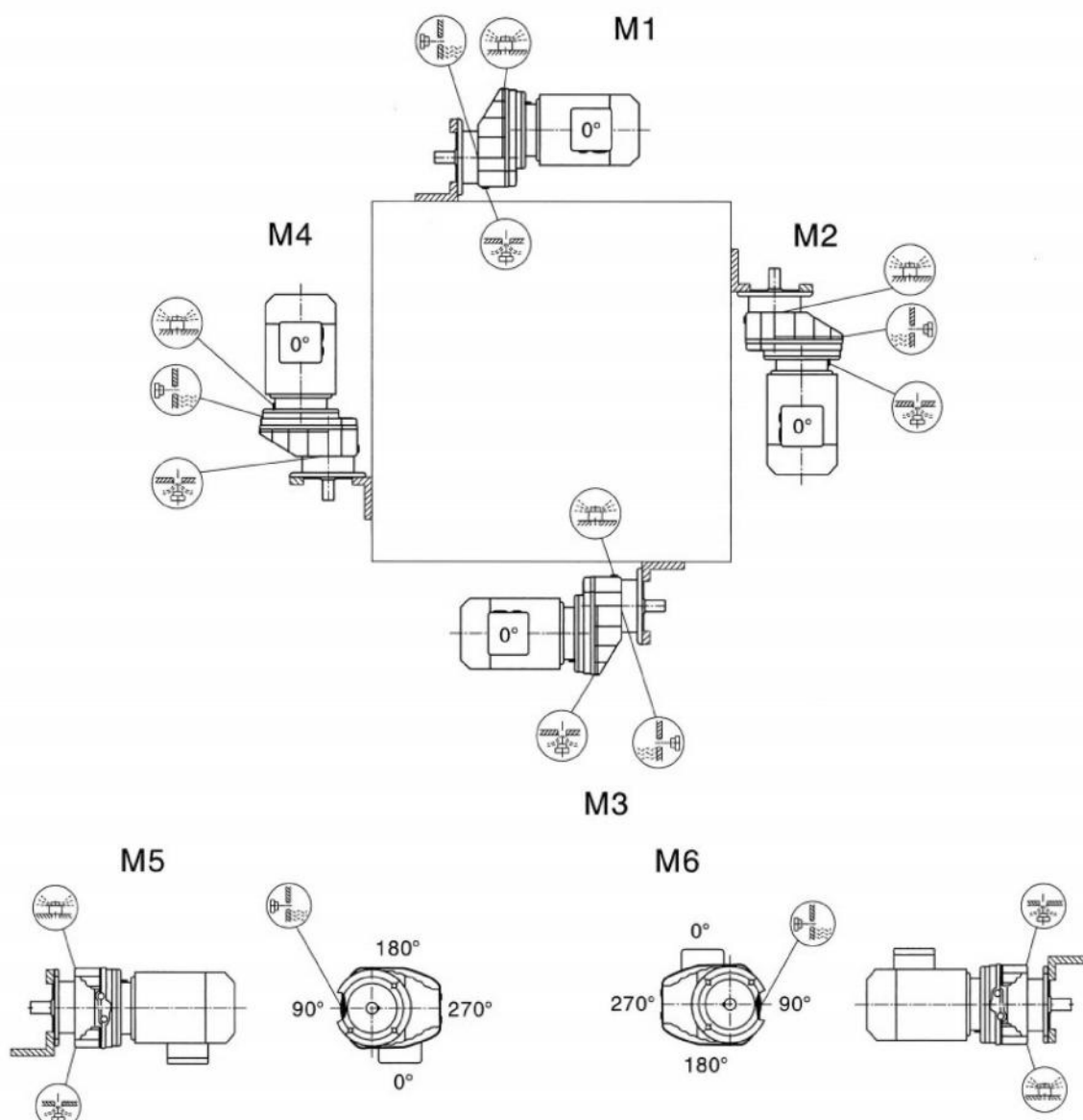
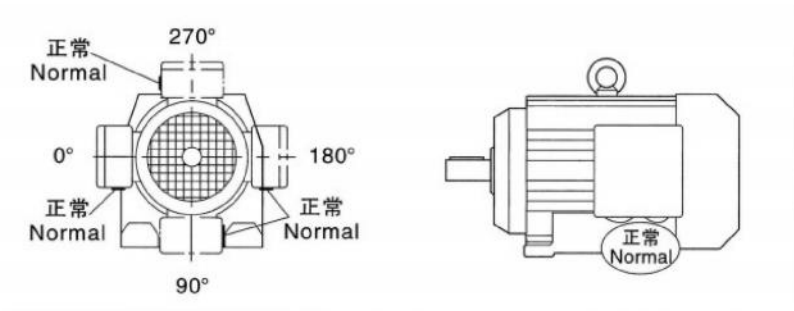


# RX57-RX107安装形式图 RX57-RX107 Mounting position example



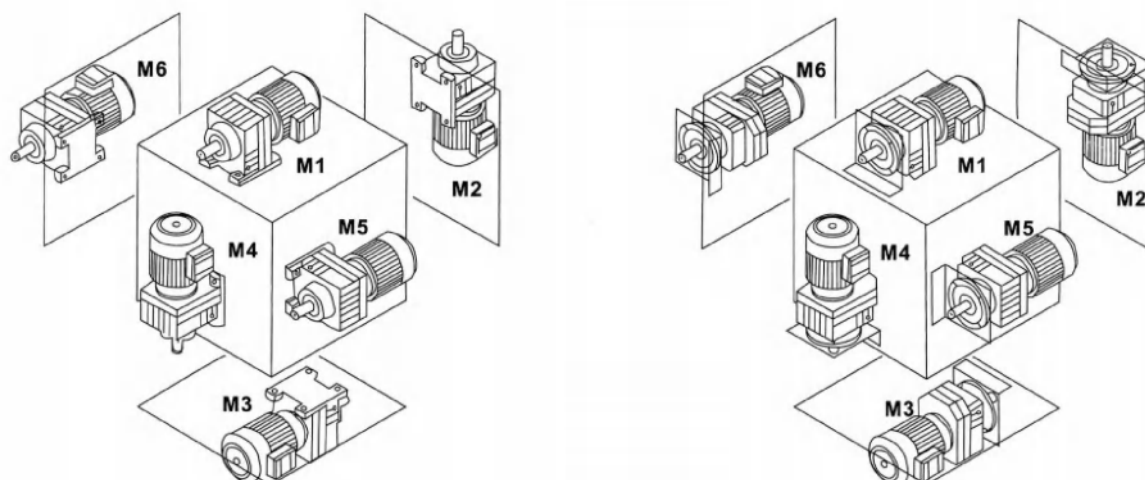


# RXF57-RXF107安装形式图 RXF57-RXF107 Mounting position example



安装形式:

Mounting position:



输入功率及许用转矩

Input power rating and permissible torque

| 规格<br>Size                       | 17         | 27          | 37          | 47          | 57          | 67          | 77          | 87          | 97          | 107         | 137         | 147         | 167          |
|----------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| 结构形式<br>Structure                | R          |             |             |             |             |             | RF          |             |             |             |             |             |              |
| 输入功率<br>Input power rating (kw)  | 0.18~0.75  | 0.18~3      | 0.18~3      | 0.18~5.5    | 0.18~7.5    | 0.18~7.5    | 0.18~11     | 0.55~22     | 0.55~30     | 2.2~45      | 5.5~55      | 11~90       | 11~160       |
| 传动比<br>Ratio                     | 3.83~74.84 | 3.37~135.09 | 3.33~134.82 | 3.83~176.88 | 4.39~186.88 | 4.29~199.81 | 5.21~195.24 | 5.36~246.54 | 4.49~289.74 | 5.06~249.16 | 5.15~222.60 | 5.00~163.31 | 10.24~229.71 |
| 许用转矩<br>Permissible torque (N.M) | 85         | 130         | 200         | 300         | 450         | 600         | 820         | 1550        | 3000        | 4300        | 8000        | 13000       | 18000        |

| 规格<br>Size                      | 37        | 57       | 67       | 77        | 87        | 97        | 107       | 127      | 157      |
|---------------------------------|-----------|----------|----------|-----------|-----------|-----------|-----------|----------|----------|
| 结构形式<br>Structure               | RX        |          |          |           | RXF       |           |           |          |          |
| 输入功率(kw)<br>Input power rating  | 0.18~1.1  | 0.18~5.5 | 0.18~7.5 | 1.1~11    | 3~22      | 5.5~30    | 7.5~45    | 7.5~90   | 11~132   |
| 传动比<br>Ratio                    | 1.62~4.43 | 1.3~5.5  | 1.4~6.07 | 1.42~8.00 | 1.39~8.65 | 1.42~8.23 | 1.44~6.63 | 1.51~6.2 | 1.57~6.2 |
| 许用转矩(N.m)<br>Permissible torque | 20        | 70       | 135      | 215       | 400       | 600       | 830       | 1110     | 1680     |

减速机重量

Gear unit weight

| 规格<br>Size            | R17  | R27  | R37  | R47  | R57  | R67  | R77   | R87   | R97   | R107 | R137 | R147 | R167 |
|-----------------------|------|------|------|------|------|------|-------|-------|-------|------|------|------|------|
| 重量(kg)<br>Weight      | 4    | 5.5  | 8.5  | 10   | 18   | 25   | 36    | 63    | 101   | 153  | 220  | 400  | 700  |
| 机型号<br>Gear unit type | RX37 | RX57 | RX67 | RX77 | RX87 | RX97 | RX107 | RX127 | RX157 |      |      |      |      |
| 重量(kg)<br>Weight      | 5    | 8    | 14   | 23   | 39   | 70   | 100   | 150   | 250   |      |      |      |      |

所注重量为平均值, 仅供参考

The weights are mean values, only for reference.

润滑油量表  
Lubrication table

| 规格<br>Size | 润滑油量 ( 升 )      Fill quantity in liters |                  |      |      |      |      |
|------------|-----------------------------------------|------------------|------|------|------|------|
|            | M1 <sup>1)</sup>                        | M2 <sup>1)</sup> | M3   | M4   | M5   | M6   |
| R17        | 0.25                                    | 0.6              | 0.35 | 0.6  | 0.35 | 0.35 |
| R27        | 0.25/0.4                                | 0.7              | 0.4  | 0.7  | 0.4  | 0.4  |
| R37        | 0.3/1                                   | 0.9              | 1    | 1.1  | 0.8  | 1    |
| R47        | 0.7/1.5                                 | 1.6              | 1.5  | 1.7  | 1.5  | 1.5  |
| R57        | 0.8/1.7                                 | 1.9              | 1.7  | 2.1  | 1.7  | 1.7  |
| R67        | 1.1/2.3                                 | 2.6/3.5          | 2.8  | 3.2  | 1.8  | 2    |
| R77        | 1.2/3                                   | 3.8/4.3          | 3.6  | 4.3  | 2.5  | 3.4  |
| R87        | 2.3/6                                   | 6.7/8.4          | 7.2  | 7.7  | 6.3  | 6.5  |
| R97        | 4.6/9.8                                 | 11.7/14          | 11.7 | 13.4 | 11.3 | 11.7 |
| R107       | 6/13.7                                  | 16.3             | 16.9 | 19.2 | 13.2 | 15.9 |
| R137       | 10/25                                   | 28               | 29.5 | 31.5 | 25   | 25   |
| R147       | 15.4/40                                 | 46.5             | 48   | 52   | 39.5 | 41   |
| R167       | 27/70                                   | 82               | 78   | 88   | 66   | 69   |

| 规格<br>Size | 润滑油量 ( 升 )      Fill quantity in liters |                  |      |      |      |      |
|------------|-----------------------------------------|------------------|------|------|------|------|
|            | M1 <sup>1)</sup>                        | M2 <sup>1)</sup> | M3   | M4   | M5   | M6   |
| RF17       | 0.25                                    | 0.6              | 0.35 | 0.6  | 0.35 | 0.35 |
| RF27       | 0.25/0.4                                | 0.7              | 0.4  | 0.7  | 0.4  | 0.4  |
| RF37       | 0.4/1                                   | 0.9              | 1    | 1.1  | 0.8  | 1    |
| RF47       | 0.7/1.5                                 | 1.6              | 1.5  | 1.7  | 1.5  | 1.5  |
| RF57       | 0.8/1.7                                 | 1.8              | 1.7  | 2    | 1.7  | 1.7  |
| RF67       | 1.2/2.5                                 | 2.7/3.6          | 2.7  | 3.1  | 1.9  | 2.1  |
| RF77       | 1.2/2.6                                 | 3.8/4.1          | 3.6  | 4.1  | 2.7  | 3    |
| RF87       | 2.4/6                                   | 6.8/7.9          | 7.1  | 7.7  | 6.3  | 6.4  |
| RF97       | 5.1/10.2                                | 11.9/14          | 11.2 | 14   | 11.2 | 11.8 |
| RF107      | 6.3/14.9                                | 15.9             | 17   | 19.2 | 13.1 | 15.9 |
| RF137      | 9.5/25                                  | 27               | 29   | 32.5 | 25   | 25   |
| RF147      | 16.4/42                                 | 47               | 48   | 52   | 42   | 42   |
| RF167      | 26/70                                   | 82               | 78   | 88   | 65   | 71   |

| 规格<br>Size   | 润滑油量 ( 升 )      Fill quantity in liters |           |           |           |           |           |
|--------------|-----------------------------------------|-----------|-----------|-----------|-----------|-----------|
|              | M1                                      | M2        | M3        | M4        | M5        | M6        |
| RX37/RXF37   | 0.45/0.4                                | 0.6       | 1.1/0.9   | 1.1/0.9   | 0.7/0.6   | 0.7/0.6   |
| RX57/RXF57   | 0.6/0.5                                 | 0.8       | 1.3/1.1   | 1.3/1.1   | 0.9/0.7   | 0.9/0.7   |
| RX67/RXF67   | 0.8/0.7                                 | 0.8       | 1.7/1.5   | 1.9/1.7   | 1.1/1     | 1.1/1     |
| RX77/RXF77   | 1.1/0.9                                 | 1.5       | 2.6/2.4   | 2.7/2.5   | 1.6       | 1.6       |
| RX87/RXF87   | 1.7/1.6                                 | 2.5       | 4.8/4.9   | 4.8/4.7   | 2.9       | 2.9       |
| RX97/RXF97   | 2.1                                     | 3.4/3.6   | 7.4/7.1   | 7         | 4.8       | 4.8       |
| RX107/RXF107 | 3.9/3.1                                 | 5.6/5.9   | 11.6/11.2 | 11.9/10.5 | 7.7/7.2   | 7.7/7.2   |
| RX127/RXF127 | 5.6/5.9                                 | 11.6/11.2 | 21.9/20.5 | 22.7/22.2 | 9.7/9.2   | 9.7/9.2   |
| RX157/RXF157 | 11.6/11.2                               | 21.9/20.5 | 31.3/30.5 | 32.7/32.2 | 13.2/12.7 | 13.2/12.7 |

注：<sup>1)</sup>表示减速机为组合型时低速级所加油量为大值。

Notes: <sup>1)</sup> The large gear unit of multi-stage gear units must be filled with the larger oil volume.



## F Series Parallel Shaft Helical Gear Reducer



## 型号说明 Model Notes

### 减速电机符号说明

| <b>F</b>                                                                           | <b>A</b>                                                              | <b>67</b>                          | <b>G</b>                              | <b>D</b>                                                                                                                                   | <b>80</b>                            | <b>N</b>                               | <b>4</b>                       | <b>BMG</b>                               | <b>HF</b>                                                                  | <b>TF</b>                                                                            | <b>109.04</b>                               | <b>M1</b>                           | <b>180°</b>                                                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------|--------------------------------|------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------|-----------------------------------------------------------------|
| 1                                                                                  | 2                                                                     | 3                                  | 4                                     | 5                                                                                                                                          | 6                                    | 7                                      | 8                              | 9                                        | 10                                                                         | 11                                                                                   | 12                                          | 13                                  | 14                                                              |
| <b>1</b> 产品代码<br>R--斜齿轮减速电机<br>F--平行轴-斜齿轮减速电机<br>K--斜齿轮-伞齿轮减速电机<br>S--斜齿轮-蜗轮蜗杆减速电机 | <b>2</b> 装配型式<br>无代码 -- 底脚安装<br>F-- 法兰安装<br>A-- 空心轴安装<br>AF-- 法兰空心轴安装 | <b>3</b> 减速机规格号<br>67-- 减速机规格号为 67 | <b>4</b> 扭矩臂<br>无代码-- 无扭矩臂<br>G-- 扭矩臂 | <b>5</b> 电动机<br>D--三相异步电动机(IP54)<br>YB--隔爆型三相异步电动机<br>YGP--铝壳用变频调速三相异步电动机<br>YZP--冶金、起重用变频调速三相异步电动机<br>YVP--变频调速三相异步电动机<br>YD--变频多速三相异步电动机 | <b>6</b> 电动机规格代号<br>80-- 电机中心高为 80mm | <b>7</b> 电动机定子铁心长度代号<br>D、K、N、S、M、ML、L | <b>8</b> 电动机极数<br>4-- 电动机极数为 4 | <b>9</b> 制动器<br>无代码 -- 无制动器<br>BMG-- 制动器 | <b>10</b> 手动释放装置<br>无代码 -- 无手动释放装置<br>HF--手动释放锁在制动释放位置<br>HR--手动释放自动返回制动位置 | <b>11</b> 电机热保护<br>无代码 -- 无电机热保护<br>TF--热敏电阻保护装置<br>PTC热敏电阻<br>TH--恒温器保护装置<br>双金属片开关 | <b>12</b> 减速机传动比<br>109.04-- 减速机传动比为 109.04 | <b>13</b> 安装位置<br>M1-- 安装型式图中 M1 位置 | <b>14</b> 接线盒位置<br>无代码 -- 安装型式图中 0° 位置<br>180°-- 安装型式图中 180° 位置 |

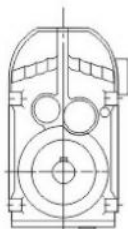
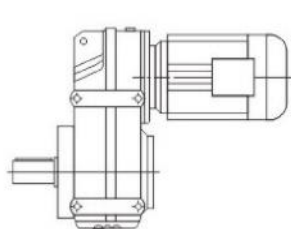
### Code Introduction

|                                                                                                                                                                             |                                                                                                                                      |                                                         |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> Product Code<br>R--Helical Geared Motor<br>F--Parallel Shaft-Helical Geared Motor<br>K--Helical-Bevel Geared Motor<br>S--Helical-Worm Geared Motor                 | <b>2</b> Unit Model<br>No Code--Feet-mounted<br>F--Flange-mounted<br>A--Hollow Shaft-mounted<br>AF--Flange-mounted with Hollow Shaft | <b>3</b> Gear Unit Size<br>67--Gear Unit Size 67        | <b>4</b> Torque Arm<br>No Code--No Torque Arm<br>G--Torque Arm                                                  | <b>5</b> Electric Motor<br>D-----Three Phase Asynchronous Motor(IP 54)<br>YB-----Flange-proof Three Phase Asynchronous Motor<br>YGP-----Table Roller Three Phase Asynchronous Motor<br>YZP-----Metallurgy Hoist Frequency Variable Motor<br>YVP-----Frequency Variable Three Phase Motor<br>YD-----Multi Speed Three Phase Motor |
| <b>6</b> Frame Size<br>80--Motor Center Height 80mm                                                                                                                         | <b>7</b> Stator Length<br>D、K、N、S、M、ML、L                                                                                             | <b>8</b> Number of Poles<br>4-- 4Poles                  | <b>9</b> Brake<br>No Code--No Brakes<br>BMG--Brakes                                                             | <b>10</b> Brake Release<br>No Code--No Brake Release<br>HF--Manual release(lock in the brake release position)<br>Brake Release<br>HR--Manual release(automatic braking position)                                                                                                                                                |
| <b>11</b> Thermal Protection<br>No Code--No Thermistor<br>TF--Thermistor Sensor<br>TF--Thermistor protection (PTC thermistor)<br>TH--Thermostat protection (Bimetal switch) | <b>12</b> Ratio<br>109.04--Ratio 109.04                                                                                              | <b>13</b> Mounting Position<br>M1--Mounting Position M1 | <b>14</b> Terminal Box Position<br>No Code--Terminal Box Position is 0°<br>180° --Terminal Box Position is 180° |                                                                                                                                                                                                                                                                                                                                  |

## 设计方案 Versions of geared motors

平行轴装式斜齿轮减速电机有以下设计方案:

The following types of Parallel Shaft-Helical Geared Motors can be supplied:

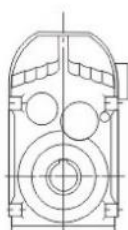
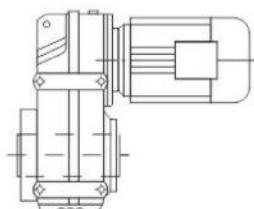


**F..D..**

底脚安装平行轴斜齿轮减速电机

Solid shaft

Rail mount with tapped holes



**FA..B D..**

底脚空心轴安装平行轴斜齿轮减速电机

Hollow shaft with key

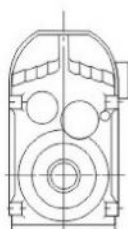
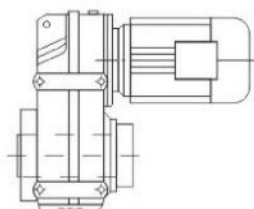
Rail mount with tapped holes

**FV..B D..**

底脚花键空心轴安装平行轴斜齿轮减速电机

Aplined hollow shaft

Rail mount with tappped holes

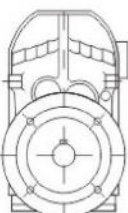
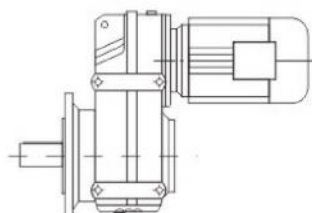


**FH..B D..**

底脚空心轴锁紧盘安装平行轴斜齿轮减速电机

Shrink disk hollow shaft

Rail mount with tapped holes

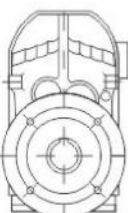
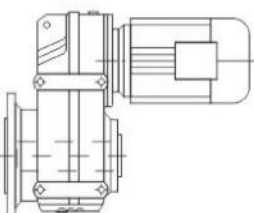


**FF..D..**

B5 法兰安装平行轴斜齿轮减速电机

Solid shaft

Flange mount (D & B5 style flange with through holes)



**FAF..D..**

B5 法兰空心轴安装平行轴斜齿轮减速电机

Hollow shaft with key

Flange mount(D & B5 style flange with through holes)

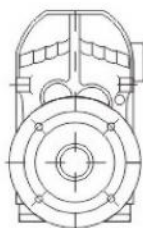
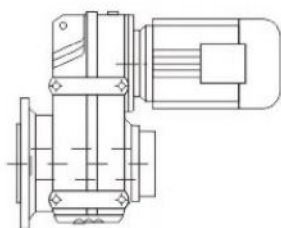
**FVF..D..**

B5 法兰花键空心轴安装平行轴斜齿轮减速电机

Hollow shaft with key

Flange mount(D & B5 style flange with through holes)



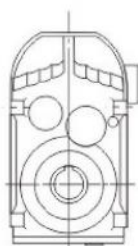
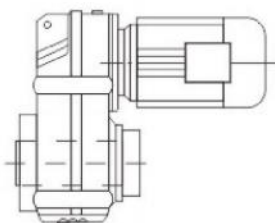


**FHF..D..**

B5 法兰空心轴锁紧盘安装平行轴斜齿轮减速电机

Shrink disk hollow shaft

Flange mount (D & B5 style flange with through holes)



**FA..D..**

空心轴安装平行轴斜齿轮减速电机

Hollow shaft with key

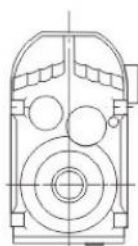
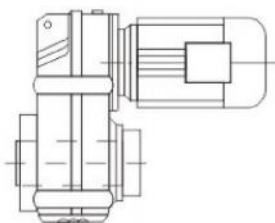
Shaft mount

**FV..D..**

花键空心轴安装平行轴斜齿轮减速电机

Splined hollow shaft

Shaft mount

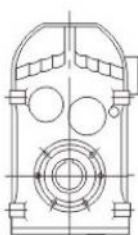
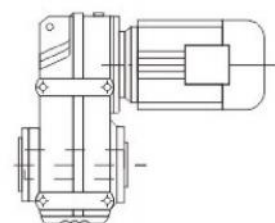


**FH..D..**

空心轴锁紧盘安装平行轴斜齿轮减速电机

Shrink disk hollow shaft

Shaft mount



**FAZ..D..**

B14 法兰空心轴安装平行轴斜齿轮减速电机

Hollow shaft with key

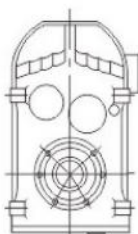
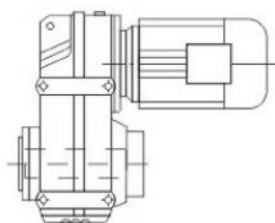
Face mount (C & B14 style flange with tapped holes)

**FVZ..D..**

B14 法兰花键空心轴安装平行轴斜齿轮减速电机

Hollow shaft with key

Face mount (C & B14 style flange with tapped holes)



**FHZ..D..**

B14 法兰空心轴锁紧盘安装平行轴斜齿轮减速电机

Shrink disk hollow shaft

Face mount (C & B14 style flange with tapped holes)

## 可行的组合方式 Type of combination

以下是平行轴斜齿轮减速机与交流 (带制动) 电机的组合列表。表中给出了每种组合的速比范围。  
The below is combination table between gear box and electromotor in each list the ratio range.

| 减速机型号<br>Gear unit size | 级<br>Stages | D63<br>D71                  | D80                      | D90                                                  | D100                                            | D112                        | D132S                       | D132M                       |
|-------------------------|-------------|-----------------------------|--------------------------|------------------------------------------------------|-------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| F/FF/FA/FAF37           | 2           | 4.22-7.44<br>8.97-23.63     | 3.77-23.63               | 3.77-20.57                                           | 3.77-6.74<br>8.01-14.33<br>17.03                |                             |                             |                             |
| F/FF/FA/FAF37           | 3           | 23.88-128.51                | 23.88-100.36             | 23.88-51.70<br>58.32-86.53                           | 23.88-31.69<br>38.31<br>51.70<br>58.32<br>70.50 |                             |                             |                             |
| F/FF/FA/FAF47           | 2           | 6.34-8.96<br>13.93-30.86    | 4.99-30.86               | 4.99-30.86                                           | 4.99-25.72                                      |                             |                             |                             |
| F/FF/FA/FAF47           | 3           | 28.88-190.76                | 28.88-150.06             | 28.88-130.07                                         | 28.88-56.49<br>68.09-105.09                     |                             |                             |                             |
| F/FF/FA/FAF57           | 2           | 6.58-9.31<br>13.52-40.13    | 5.18-34.24               | 5.18-29.94                                           | 5.18-24.96                                      | 5.18-21.17                  |                             |                             |
| F/FF/FA/FAF57           | 3           | 30.15-199.70                | 30.15-157.09             | 30.15-136.16                                         | 30.15-58.97<br>83.46-110.01                     | 30.15-50.10<br>83.46-93.47  |                             |                             |
| F/FF/FA/FAF67           | 2           | 7.53-9.08<br>18.29-36.30    | 5.95-9.08<br>14.46-36.30 | 3.97-36.30                                           | 3.97-32.08                                      | 3.97-27.41                  | 3.97-22.05                  | 3.97-22.05                  |
| F/FF/FA/FAF67           | 3           | 43.20-228.99                | 34.01-195.39             | 34.01-170.85                                         | 34.01-142.40                                    | 34.01-67.65<br>90.59-120.79 | 34.01-53.73<br>90.59-95.94  | 34.01-53.73<br>90.59-95.94  |
| F/FF/FA/FAF77           | 2           | 21.43-36.58                 | 8.26-9.30<br>17.49-36.58 | 5.76-9.30<br>12.20-36.58                             | 4.28-36.58                                      | 4.28-31.51                  | 4.28-25.50                  | 4.28-25.50                  |
| F/FF/FA/FAF77           | 3           | 48.37-72.50<br>94.93-281.71 | 38.23-225.79             | 25.54-198.31                                         | 25.54-166.47                                    | 25.54-142.27                | 25.54-58.32<br>75.02-114.45 | 25.54-58.32<br>75.02-114.45 |
| F/FF/FA/FAF87           | 2           |                             | 23.68-33.92              | 7.35-8.29<br>17.12-33.92                             | 5.63-8.29<br>13.12-33.92                        | 5.63-8.29<br>13.12-33.92    | 4.12-33.92                  | 4.12-33.92                  |
| F/FF/FA/FAF87           | 3           |                             | 109.49-270.68            | 39.30-50.36<br>76.39-270.68                          | 29.20-228.93                                    | 29.20-197.20                | 29.20-159.61                | 29.20-159.61                |
| F/FF/FA/FAF97           | 2           |                             |                          | 9.06<br>22.11-43.28                                  | 7.07-9.06<br>17.25-43.28                        | 7.07-9.06<br>17.25-43.28    | 4.57-43.28                  | 4.57-43.28                  |
| F/FF/FA/FAF97           | 3           |                             |                          | 58.06-72.29<br>80.31<br>89.85-97.58<br>112.99-276.77 | 44.49-72.29<br>80.31-276.77                     | 44.49-72.29<br>80.31-276.77 | 32.50-223.88                | 32.50-223.88                |
| F/FF/FA/FAF107          | 2           |                             |                          |                                                      | 21.76-33.79                                     | 21.76-33.79                 | 7.40-9.69<br>14.67-33.79    | 7.40-9.69<br>14.67-33.79    |
| F/FF/FA/FAF107          | 3           |                             |                          |                                                      | 58.12-83.99<br>92.47-254.40                     | 58.12-83.99<br>92.47-254.40 | 37.61-254.40                | 37.61-254.40                |
| F/FF/FA/FAF127          | 2           |                             |                          |                                                      |                                                 |                             |                             | 7.88-8.86<br>14.55-26.86    |
| F/FF/FA/FAF127          | 3           |                             |                          |                                                      |                                                 |                             |                             | 37.28-170.83                |

续 表

| 减速机型号<br>Gear unit size | 级<br>Stages | D132ML                       | D160M                        | D160L                        | D180                                  | D200                                           |
|-------------------------|-------------|------------------------------|------------------------------|------------------------------|---------------------------------------|------------------------------------------------|
| F/FF/FA/FAF77           | 2           | 4.28-19.70                   | 4.28-19.70                   |                              |                                       |                                                |
| F/FF/FA/FAF77           | 3           | 25.54-43.58                  | 25.54-43.58                  |                              |                                       |                                                |
| F/FF/FA/FAF87           | 2           | 4.12-26.50                   | 4.12-26.50                   | 4.12-26.50                   | 4.12-21.32                            |                                                |
| F/FF/FA/FAF87           | 3           | 29.20-123.29                 | 29.20-123.29                 | 29.20-123.29                 | 29.20-50.36                           |                                                |
| F/FF/FA/FAF97           | 2           | 4.57-33.91                   | 4.57-33.91                   | 4.57-33.91                   | 4.57-27.44                            | 4.57-22.11                                     |
| F/FF/FA/FAF97           | 3           | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-89.85<br>102.16-174.87 | 32.50-75.63<br>86.59<br>102.16-140.71 | 32.50-58.06<br>75.63<br>86.59<br>102.16-112.99 |
| F/FF/FA/FAF107          | 2           | 6.22-9.69<br>12.33-33.79     | 6.22-9.69<br>12.33-33.79     | 6.22-9.69<br>12.33-33.79     | 6.22-33.79                            | 6.22-27.57                                     |
| F/FF/FA/FAF107          | 3           | 31.80-199.31                 | 31.80-199.31                 | 31.80-199.31                 | 31.80-161.28                          | 31.80-74.52<br>88.49<br>101.38-129.97          |
| F/FF/FA/FAF127          | 2           | 6.80-8.86<br>12.54-26.86     | 6.80-8.86<br>12.54-26.86     | 6.80-8.86<br>12.54-26.86     | 5.52-26.86                            | 4.68-26.86                                     |
| F/FF/FA/FAF127          | 3           | 31.33-170.83                 | 31.33-170.83                 | 31.33-170.83                 | 25.30-153.67                          | 25.30-125.37                                   |
| F/FF/FA/FAF157          | 2           |                              | 16.85-53.55                  | 16.85-53.55                  | 13.96-43.94                           | 11.92-35.75                                    |
| F/FF/FA/FAF157          | 3           |                              | 40.06-267.43                 | 40.06-267.43                 | 32.55-217.62                          | 27.60-178.20                                   |

| 减速机型号<br>Gear unit size | 级<br>Stages | D225                                  | D250M                       | D280                        | D315                        | D315M-a/b   |
|-------------------------|-------------|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
| F/FF/FA/FAF107          | 2           | 6.22-27.57                            |                             |                             |                             |             |
| F/FF/FA/FAF107          | 3           | 31.80-74.52<br>88.49<br>101.38-129.97 |                             |                             |                             |             |
| F/FF/FA/FAF127          | 2           | 4.68-26.86                            | 4.68-21.38                  | 4.68-21.38                  |                             |             |
| F/FF/FA/FAF127          | 3           | 25.30-125.37                          | 25.30-55.31<br>75.41-98.95  | 25.30-55.31<br>75.41-98.95  |                             |             |
| F/FF/FA/FAF157          | 2           | 11.92-35.75                           | 11.92-28.60                 | 11.92-28.60                 | 11.92-22.16                 | 11.92-16.85 |
| F/FF/FA/FAF157          | 3           | 27.60-178.20                          | 27.60-68.28<br>96.53-141.80 | 27.60-68.28<br>96.53-141.80 | 27.60-52.24<br>96.53-108.49 | 27.60-40.06 |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.06                                            | 15000                                            | 22323                   | 84600                                                        | 0.80                                   |              |                       |
| 0.07                                            | 12600                                            | 19048                   | 89300                                                        | 0.95                                   | FA 127R77    | 4                     |
| 0.08                                            | 10800                                            | 16656                   | 90000                                                        | 1.10                                   | FAF 127R77   | 4                     |
| 0.09                                            | 9870                                             | 14722                   | 90000                                                        | 1.20                                   | F 127R77     | 4                     |
| 0.11                                            | 7980                                             | 12912                   | 90000                                                        | 1.50                                   | FF 127R77    | 4                     |
| 0.12                                            | 7090                                             | 11656                   | 90000                                                        | 1.70                                   |              |                       |
| 0.14                                            | 6300                                             | 10191                   | 90000                                                        | 1.90                                   |              |                       |
| 0.09                                            | 9590                                             | 14767                   | 44400                                                        | 0.80                                   |              |                       |
| 0.12                                            | 7610                                             | 11348                   | 50000                                                        | 1.00                                   |              |                       |
| 0.14                                            | 5890                                             | 10039                   | 54300                                                        | 1.30                                   |              |                       |
| 0.16                                            | 4880                                             | 8548                    | 56600                                                        | 1.55                                   | FA 107R77    | 4                     |
| 0.18                                            | 4740                                             | 7674                    | 56900                                                        | 1.60                                   | FAF 107R77   | 4                     |
| 0.20                                            | 4120                                             | 6767                    | 58200                                                        | 1.85                                   | F 107R77     | 4                     |
| 0.23                                            | 3530                                             | 5954                    | 59400                                                        | 2.2                                    | FF 107R77    | 4                     |
| 0.26                                            | 3070                                             | 5223                    | 60300                                                        | 2.5                                    |              |                       |
| 0.30                                            | 2890                                             | 4567                    | 60600                                                        | 2.7                                    |              |                       |
| 0.39                                            | 2140                                             | 3521                    | 61900                                                        | 3.6                                    |              |                       |
| 0.19                                            | 4800                                             | 7328                    | 23100                                                        | 0.90                                   | FA 97 R57    | 4                     |
| 0.21                                            | 4040                                             | 6469                    | 30700                                                        | 1.05                                   | FAF 97 R57   | 4                     |
| 0.25                                            | 3680                                             | 5615                    | 31600                                                        | 1.15                                   | F 97 R57     | 4                     |
| 0.28                                            | 3200                                             | 4961                    | 32800                                                        | 1.35                                   | FF 97 R57    | 4                     |
| 0.32                                            | 2800                                             | 4333                    | 33800                                                        | 1.55                                   |              |                       |
| 0.35                                            | 2550                                             | 3906                    | 34300                                                        | 1.70                                   | FA 97 R57    | 4                     |
| 0.41                                            | 2210                                             | 3352                    | 35000                                                        | 1.95                                   | FAF 97 R57   | 4                     |
| 0.47                                            | 1820                                             | 2907                    | 36700                                                        | 2.4                                    | F 97 R57     | 4                     |
| 0.54                                            | 1670                                             | 2553                    | 36000                                                        | 2.6                                    | FF 97 R57    | 4                     |
| 0.28                                            | 3250                                             | 4954                    | 3640                                                         | 0.90                                   | FA 87 R57    | 4                     |
| 0.33                                            | 2690                                             | 4245                    | 24100                                                        | 1.10                                   | FAF 87 R57   | 4                     |
| 0.37                                            | 2200                                             | 3721                    | 25800                                                        | 1.35                                   | F 87 R57     | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87 R57    | 4                     |
| 0.43                                            | 2140                                             | 3244                    | 26000                                                        | 1.40                                   |              |                       |
| 0.48                                            | 1900                                             | 2881                    | 26700                                                        | 1.60                                   |              |                       |
| 0.54                                            | 1700                                             | 2576                    | 27300                                                        | 1.75                                   |              |                       |
| 0.63                                            | 1440                                             | 2199                    | 28000                                                        | 2.1                                    | FA 87 R57    | 4                     |
| 0.72                                            | 1240                                             | 1930                    | 28400                                                        | 2.4                                    | FAF 87 R57   | 4                     |
| 0.81                                            | 1120                                             | 1709                    | 28700                                                        | 2.7                                    | F 87 R57     | 4                     |
| 0.92                                            | 980                                              | 1493                    | 29000                                                        | 3.0                                    | FF 87 R57    | 4                     |
| 1.1                                             | 785                                              | 1300                    | 29400                                                        | 3.8                                    |              |                       |
| 1.2                                             | 710                                              | 1148                    | 29500                                                        | 4.2                                    |              |                       |
| 0.53                                            | 1750                                             | 2613                    | 13800                                                        | 0.85                                   | FA 77 R37    | 4                     |
| 0.60                                            | 1520                                             | 2284                    | 15600                                                        | 1.00                                   | FAF 77 R37   | 4                     |
| 0.68                                            | 1340                                             | 2029                    | 16700                                                        | 1.10                                   | F 77 R37     | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 77 R37    | 4                     |
| 0.80                                            | 1130                                             | 1728                    | 17800                                                        | 1.35                                   |              |                       |
| 0.89                                            | 1040                                             | 1544                    | 18200                                                        | 1.45                                   |              |                       |
| 1.0                                             | 910                                              | 1354                    | 18600                                                        | 1.65                                   | FA 77 R37    | 4                     |
| 1.1                                             | 810                                              | 1200                    | 19000                                                        | 1.85                                   | FAF 77 R37   | 4                     |
| 1.3                                             | 710                                              | 1053                    | 19200                                                        | 2.1                                    | F 77 R37     | 4                     |
| 1.5                                             | 605                                              | 910                     | 19500                                                        | 2.5                                    | FF 77 R37    | 4                     |
| 1.7                                             | 510                                              | 810                     | 19700                                                        | 2.9                                    |              |                       |
| 1.9                                             | 445                                              | 710                     | 19800                                                        | 3.4                                    |              |                       |
| 0.97                                            | 920                                              | 1429                    | 9270                                                         | 0.90                                   |              |                       |
| 1.1                                             | 830                                              | 1271                    | 10200                                                        | 1.00                                   |              |                       |
| 1.2                                             | 700                                              | 1102                    | 11300                                                        | 1.15                                   |              |                       |
| 1.4                                             | 615                                              | 970                     | 11800                                                        | 1.35                                   | FA 67 R37    | 4                     |
| 1.6                                             | 540                                              | 858                     | 12200                                                        | 1.50                                   | FAF 67 R37   | 4                     |
| 1.8                                             | 475                                              | 755                     | 12500                                                        | 1.95                                   | F 67 R37     | 4                     |
| 2.2                                             | 405                                              | 641                     | 12800                                                        | 2.0                                    | FF 67 R37    | 4                     |
| 2.4                                             | 375                                              | 572                     | 12900                                                        | 2.2                                    |              |                       |
| 2.7                                             | 320                                              | 509                     | 13000                                                        | 2.6                                    |              |                       |
| 3.2                                             | 275                                              | 437                     | 13000                                                        | 3.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 1.4                                             | 655                                              | 967                     | 5860                                                         | 0.90                                   |              |                       |
| 1.6                                             | 585                                              | 851                     | 9320                                                         | 1.05                                   | FA 57R37     | 4                     |
| 1.9                                             | 500                                              | 738                     | 9920                                                         | 1.20                                   | FAF 57R37    | 4                     |
| 2.1                                             | 435                                              | 646                     | 10400                                                        | 1.40                                   | F 57R37      | 4                     |
| 2.5                                             | 370                                              | 558                     | 10700                                                        | 1.60                                   | FF 57R37     | 4                     |
| 2.7                                             | 330                                              | 506                     | 11000                                                        | 1.80                                   |              |                       |
| 3.0                                             | 285                                              | 452                     | 11200                                                        | 2.1                                    |              |                       |
| 3.2                                             | 295                                              | 426                     | 11200                                                        | 2.0                                    | FA 57R37     | 4                     |
| 3.6                                             | 260                                              | 382                     | 11300                                                        | 2.3                                    | FAF 57R37    | 4                     |
| 4.2                                             | 225                                              | 330                     | 11500                                                        | 2.7                                    | F 57R37      | 4                     |
| 4.6                                             | 200                                              | 298                     | 11500                                                        | 3.0                                    | FF 57R37     | 4                     |
| 5.3                                             | 177                                              | 262                     | 11500                                                        | 3.1                                    |              |                       |
| 2.2                                             | 425                                              | 622                     | 3390                                                         | 0.95                                   | FA 47R17     | 4                     |
| 2.5                                             | 370                                              | 543                     | 6320                                                         | 1.10                                   | FAF 47R17    | 4                     |
| 2.9                                             | 320                                              | 475                     | 6890                                                         | 1.25                                   | F 47R17      | 4                     |
| 3.3                                             | 280                                              | 419                     | 7250                                                         | 1.45                                   | FF 47R17     | 4                     |
| 2.6                                             | 365                                              | 524                     | 6390                                                         | 1.10                                   |              |                       |
| 2.8                                             | 340                                              | 489                     | 6690                                                         | 1.20                                   | FA 47R17     | 4                     |
| 3.2                                             | 290                                              | 427                     | 7130                                                         | 1.35                                   | FAF 47R17    | 4                     |
| 3.6                                             | 260                                              | 381                     | 7400                                                         | 1.55                                   | F 47R17      | 4                     |
| 4.1                                             | 225                                              | 334                     | 7610                                                         | 1.75                                   | FF 47R17     | 4                     |
| 4.7                                             | 198                                              | 295                     | 7780                                                         | 2.0                                    |              |                       |
| 5.4                                             | 166                                              | 253                     | 7940                                                         | 2.4                                    |              |                       |
| 4.3                                             | 210                                              | 322                     | 4130                                                         | 0.95                                   | FA 37R17     | 4                     |
| 5.0                                             | 184                                              | 278                     | 4510                                                         | 1.10                                   | FAF 37R17    | 4                     |
| 5.7                                             | 157                                              | 242                     | 4810                                                         | 1.30                                   | F 37R17      | 4                     |
| 6.2                                             | 149                                              | 221                     | 4890                                                         | 1.35                                   | FF 37R17     | 4                     |
| 4.2                                             | 225                                              | 326                     | 3890                                                         | 0.90                                   |              |                       |
| 4.8                                             | 195                                              | 285                     | 4370                                                         | 1.05                                   | FA 37R17     | 4                     |
| 5.5                                             | 170                                              | 250                     | 4670                                                         | 1.20                                   | FAF 37R17    | 4                     |
| 6.3                                             | 150                                              | 219                     | 4880                                                         | 1.35                                   | F 37R17      | 4                     |
| 7.4                                             | 127                                              | 186                     | 5080                                                         | 1.60                                   | FF 37R17     | 4                     |
| 8.3                                             | 114                                              | 167                     | 5170                                                         | 1.75                                   |              |                       |
| 3.9                                             | 290                                              | 228399                  | 13000                                                        | 2.8                                    | FA 67        | 6                     |
| 4.6                                             | 250                                              | 195.39                  | 13000                                                        | 3.3                                    | FAF 67       | 6                     |
| 5.3                                             | 220                                              | 170.85                  | 13000                                                        | 3.8                                    | F 67         | 6                     |
| 5.6                                             | 205                                              | 162.21                  | 13000                                                        | 4.0                                    | FF 67        | 6                     |
| 6.3                                             | 181                                              | 142.40                  | 13000                                                        | 4.5                                    |              |                       |
| 4.5                                             | 255                                              | 199.70                  | 11400                                                        | 2.4                                    | FA 57        | 6                     |
| 4.9                                             | 235                                              | 183.60                  | 11500                                                        | 2.6                                    | FAF 57       | 6                     |
| 5.7                                             | 200                                              | 157.09                  | 11500                                                        | 3.0                                    | F 57         | 6                     |
| 6.6                                             | 173                                              | 136.16                  | 11500                                                        | 3.5                                    | FF 57        | 6                     |
| 7.1                                             | 162                                              | 127.27                  | 11500                                                        | 3.7                                    |              |                       |
| 6.9                                             | 166                                              | 199.70                  | 11500                                                        | 3.6                                    | FA 57        | 4                     |
| 7.5                                             | 153                                              | 183.60                  | 11500                                                        | 3.9                                    | FAF 57       | 4                     |
| 8.8                                             | 130                                              | 157.09                  | 11500                                                        | 4.6                                    | F 57         | 4                     |
| 10                                              | 113                                              | 136.16                  | 11500                                                        | 5.3                                    | FF 57        | 4                     |
| 4.7                                             | 245                                              | 190.76                  | 7510                                                         | 1.65                                   |              |                       |
| 5.1                                             | 225                                              | 175.38                  | 7640                                                         | 1.80                                   |              |                       |
| 6.0                                             | 191                                              | 150.06                  | 7820                                                         | 2.1                                    | FA 47        | 6                     |
| 6.9                                             | 166                                              | 130.07                  | 7940                                                         | 2.4                                    | FAF 47       | 6                     |
| 7.4                                             | 155                                              | 121.57                  | 7990                                                         | 2.6                                    | F 47         | 6                     |
| 8.6                                             | 134                                              | 105.09                  | 8070                                                         | 3.0                                    | FF 47        | 6                     |
| 10                                              | 114                                              | 89.29                   | 8130                                                         | 3.5                                    |              |                       |
| 11                                              | 102                                              | 79.72                   | 8160                                                         | 3.9                                    |              |                       |
| 7.2                                             | 158                                              | 190.76                  | 7970                                                         | 2.5                                    | FA 47        |                       |
| 7.9                                             | 146                                              | 175.38                  | 8020                                                         | 2.8                                    | FAF 47       |                       |
| 9.2                                             | 125                                              | 150.06                  | 8100                                                         | 3.2                                    | F 47         |                       |
| 11                                              | 108                                              | 130.07                  | 8150                                                         | 3.7                                    | FF 47        |                       |
| 7.0                                             | 164                                              | 128.51                  | 4740                                                         | 1.20                                   | FA 37        | 6                     |
| 7.6                                             | 150                                              | 117.88                  | 4880                                                         | 1.35                                   | FAF 37       | 6                     |
| 9.0                                             | 128                                              | 100.36                  | 5070                                                         | 1.55                                   | F 37         | 6                     |
| 10                                              | 110                                              | 86.53                   | 5190                                                         | 1.80                                   | FF 37        | 6                     |
| 11                                              | 103                                              | 80.65                   | 5240                                                         | 1.95                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 11                                              | 107                                              | 128.51                  | 5220                                                         | 1.85                                   |              |                       |
| 12                                              | 98                                               | 117.88                  | 5270                                                         | 2.0                                    |              |                       |
| 14                                              | 83                                               | 100.36                  | 5340                                                         | 2.4                                    |              |                       |
| 16                                              | 72                                               | 86.53                   | 5400                                                         | 2.8                                    |              |                       |
| 17                                              | 67                                               | 50.65                   | 5410                                                         | 3.0                                    |              |                       |
| 20                                              | 59                                               | 70.50                   | 5440                                                         | 3.4                                    |              |                       |
| 21                                              | 55                                               | 66.09                   | 5460                                                         | 3.6                                    | FA           | 37 4                  |
| 24                                              | 48                                               | 58.32                   | 5470                                                         | 4.1                                    | FAF          | 37 4                  |
| 25                                              | 45                                               | 54.54                   | 5480                                                         | 4.4                                    | F            | 37 4                  |
| 27                                              | 43                                               | 51.70                   | 5490                                                         | 4.7                                    | FF           | 37 4                  |
| 29                                              | 39                                               | 47.02                   | 5500                                                         | 5.1                                    |              |                       |
| 31                                              | 36                                               | 43.83                   | 5500                                                         | 5.5                                    |              |                       |
| 36                                              | 32                                               | 38.31                   | 5510                                                         | 6.3                                    |              |                       |
| 38                                              | 30                                               | 35.91                   | 5520                                                         | 6.7                                    |              |                       |
| 44                                              | 26                                               | 31.69                   | 5520                                                         | 7.6                                    |              |                       |
| 49                                              | 23                                               | 28.09                   | 5520                                                         | 8.6                                    |              |                       |
| 58                                              | 20                                               | 23.88                   | 5270                                                         | 10                                     |              |                       |
| 58                                              | 20                                               | 23.63                   | 5250                                                         | 10                                     |              |                       |
| 67                                              | 17                                               | 20.57                   | 5030                                                         | 12                                     |              |                       |
| 72                                              | 16                                               | 19.27                   | 4930                                                         | 13                                     |              |                       |
| 81                                              | 14                                               | 17.03                   | 4740                                                         | 14                                     |              |                       |
| 89                                              | 13                                               | 15.81                   | 4630                                                         | 15                                     |              |                       |
| 96                                              | 12                                               | 14.33                   | 4490                                                         | 17                                     |              |                       |
| 107                                             | 11                                               | 12.87                   | 4330                                                         | 19                                     | FA           | 37 4                  |
| 125                                             | 9.2                                              | 11.08                   | 4130                                                         | 21                                     | FAF          | 37 4                  |
| 132                                             | 87                                               | 10.42                   | 4050                                                         | 21                                     | F            | 37 4                  |
| 154                                             | 7.4                                              | 8.97                    | 3860                                                         | 24                                     | FF           | 37 4                  |
| 186                                             | 6.2                                              | 7.44                    | 3630                                                         | 23                                     |              |                       |
| 205                                             | 5.6                                              | 6.44                    | 3510                                                         | 25                                     |              |                       |
| 228                                             | 5.0                                              | 6.05                    | 3390                                                         | 27                                     |              |                       |
| 265                                             | 4.3                                              | 5.21                    | 3230                                                         | 29                                     |              |                       |
| 282                                             | 4.1                                              | 4.90                    | 3170                                                         | 29                                     |              |                       |
| 327                                             | 3.5                                              | 4.22                    | 3020                                                         | 31                                     |              |                       |
| <b>0.18KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.10                                            | 13500                                            | 12912                   | 87500                                                        | 0.90                                   | FA           | 127 R77 4             |
| 0.11                                            | 12100                                            | 11656                   | 90000                                                        | 1.00                                   | FAF          | 127 R77 4             |
| 0.13                                            | 10700                                            | 10191                   | 90000                                                        | 1.10                                   | F            | 127 R77 4             |
| 0.15                                            | 8980                                             | 8831                    | 90000                                                        | 1.35                                   | FF           | 127 R77 4             |
| 0.17                                            | 7770                                             | 7643                    | 90000                                                        | 1.55                                   |              |                       |
| 0.20                                            | 7150                                             | 6715                    | 90000                                                        | 1.70                                   |              |                       |
| 0.15                                            | 8560                                             | 8548                    | 47400                                                        | 0.90                                   |              |                       |
| 0.17                                            | 8050                                             | 7674                    | 28800                                                        | 0.95                                   | FA           | 107 R77 4             |
| 0.20                                            | 7030                                             | 6767                    | 51500                                                        | 1.10                                   | FAF          | 107 R77 4             |
| 0.22                                            | 6090                                             | 5954                    | 53800                                                        | 1.25                                   | F            | 107 R77 4             |
| 0.25                                            | 5310                                             | 5223                    | 55600                                                        | 1.45                                   | FF           | 107 R77 4             |
| 0.29                                            | 4860                                             | 4567                    | 56600                                                        | 1.60                                   |              |                       |
| 0.37                                            | 3660                                             | 3521                    | 59100                                                        | 2.1                                    |              |                       |
| 0.43                                            | 3170                                             | 3037                    | 60100                                                        | 2.4                                    | FA           | 107 R77 4             |
| 0.48                                            | 2880                                             | 2756                    | 60600                                                        | 2.7                                    | FAF          | 107 R77 4             |
| 0.56                                            | 2470                                             | 2369                    | 61400                                                        | 3.1                                    | F            | 107 R77 4             |
| 0.64                                            | 2160                                             | 2068                    | 61900                                                        | 3.6                                    | FF           | 107 R77 4             |
| 0.30                                            | 4660                                             | 4330                    | 27900                                                        | 0.90                                   | FA           | 97 R57 4              |
|                                                 |                                                  |                         |                                                              |                                        | FAF          | 97 R57 4              |
|                                                 |                                                  |                         |                                                              |                                        | F            | 97 R57 4              |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 107 R77 4             |
| 0.34                                            | 4260                                             | 3906                    | 30000                                                        | 1.00                                   |              |                       |
| 0.39                                            | 3670                                             | 3352                    | 31600                                                        | 1.15                                   |              |                       |
| 0.45                                            | 3100                                             | 2907                    | 33100                                                        | 1.40                                   |              |                       |
| 0.52                                            | 2790                                             | 2553                    | 33800                                                        | 1.55                                   | FA           | 97 R57 4              |
| 0.59                                            | 2450                                             | 2245                    | 34500                                                        | 1.75                                   | FAF          | 97 R57 4              |
| 0.67                                            | 2130                                             | 1970                    | 35200                                                        | 2.0                                    | F            | 97 R57 4              |
| 0.77                                            | 1890                                             | 1722                    | 35600                                                        | 2.3                                    | FF           | 97 R57 4              |
| 0.86                                            | 1670                                             | 1527                    | 36000                                                        | 2.6                                    |              |                       |
| 0.99                                            | 1380                                             | 1327                    | 36500                                                        | 3.1                                    |              |                       |
| 1.1                                             | 1280                                             | 1171                    | 36600                                                        | 3.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.46                                            | 3160                                             | 2881                    | 12300                                                        | 0.95                                   |              |                       |
| 0.51                                            | 2820                                             | 2576                    | 23600                                                        | 1.05                                   |              |                       |
| 0.60                                            | 2400                                             | 2199                    | 25200                                                        | 1.25                                   |              |                       |
| 0.68                                            | 2080                                             | 1930                    | 26200                                                        | 1.45                                   | FA           | 87 R57 4              |
| 0.77                                            | 1860                                             | 1709                    | 26800                                                        | 1.60                                   | FAF          | 87 R57 4              |
| 0.88                                            | 1640                                             | 1493                    | 27500                                                        | 1.85                                   | F            | 87 R57 4              |
| 1.0                                             | 1350                                             | 1300                    | 28200                                                        | 2.2                                    | FF           | 87 R57 4              |
| 1.1                                             | 1210                                             | 1148                    | 28500                                                        | 2.5                                    |              |                       |
| 1.3                                             | 1050                                             | 1010                    | 28900                                                        | 2.9                                    |              |                       |
| 1.5                                             | 940                                              | 887                     | 29100                                                        | 3.2                                    |              |                       |
| 1.7                                             | 810                                              | 780                     | 29400                                                        | 3.7                                    |              |                       |
| 0.76                                            | 1880                                             | 1728                    | 7810                                                         | 0.80                                   |              |                       |
| 0.86                                            | 1710                                             | 1544                    | 14100                                                        | 0.90                                   |              |                       |
| 0.98                                            | 1500                                             | 1354                    | 15700                                                        | 1.00                                   | FA           | 77 R37 4              |
| 1.1                                             | 1330                                             | 1200                    | 16800                                                        | 1.15                                   | FAF          | 77 R37 4              |
| 1.2                                             | 1170                                             | 1053                    | 17600                                                        | 1.30                                   | F            | 77 R37 4              |
| 1.5                                             | 1000                                             | 910                     | 18300                                                        | 1.50                                   | FF           | 77 R37 4              |
| 1.6                                             | 860                                              | 810                     | 18800                                                        | 1.75                                   |              |                       |
| 1.9                                             | 755                                              | 710                     | 19100                                                        | 2.0                                    |              |                       |
| 2.2                                             | 670                                              | 615                     | 19300                                                        | 2.2                                    |              |                       |
| 1.5                                             | 910                                              | 858                     | 9370                                                         | 0.90                                   |              |                       |
| 1.8                                             | 800                                              | 755                     | 10400                                                        | 1.00                                   | FA           | 67 R37 4              |
| 2.1                                             | 685                                              | 641                     | 11400                                                        | 1.20                                   | FAF          | 67 R37 4              |
| 2.3                                             | 625                                              | 572                     | 11800                                                        | 1.30                                   | F            | 67 R37 4              |
| 2.6                                             | 540                                              | 509                     | 12200                                                        | 1.50                                   | FF           | 67 R37 4              |
| 3.0                                             | 470                                              | 437                     | 12600                                                        | 1.75                                   |              |                       |
| 3.4                                             | 420                                              | 384                     | 12700                                                        | 1.95                                   |              |                       |
| 2.6                                             | 560                                              | 500                     | 12100                                                        | 1.45                                   |              |                       |
| 2.9                                             | 510                                              | 454                     | 12400                                                        | 1.60                                   |              |                       |
| 3.4                                             | 440                                              | 392                     | 12700                                                        | 1.85                                   | FA           | 67 R37 4              |
| 4.0                                             | 370                                              | 333                     | 12900                                                        | 2.2                                    | FAF          | 67 R37 4              |
| 4.4                                             | 325                                              | 297                     | 13000                                                        | 2.5                                    | F            | 67 R37 4              |
| 5.1                                             | 285                                              | 261                     | 13000                                                        | 2.9                                    | FF           | 67 R37 4              |
| 5.6                                             | 260                                              | 238                     | 13000                                                        | 3.2                                    |              |                       |
| 6.6                                             | 215                                              | 200                     | 13000                                                        | 3.8                                    |              |                       |
| 2.4                                             | 615                                              | 558                     | 9080                                                         | 1.00                                   | FA           | 57 R37 4              |
| 2.6                                             | 550                                              | 506                     | 9560                                                         | 1.10                                   | FAF          | 57 R37 4              |
| 2.9                                             | 485                                              | 452                     | 10000                                                        | 1.25                                   | F            | 57 R37 4              |
| 3.4                                             | 415                                              | 386                     | 10500                                                        | 1.45                                   | FF           | 57 R37 4              |
| 3.9                                             | 360                                              | 338                     | 10800                                                        | 1.65                                   |              |                       |
| 3.1                                             | 485                                              | 426                     | 10000                                                        | 1.25                                   |              |                       |
| 3.5                                             | 430                                              | 382                     | 10400                                                        | 1.40                                   | FA           | 57 R37 4              |
| 4.0                                             | 370                                              | 330                     | 10700                                                        | 1.60                                   | FAF          | 57 R37 4              |
| 4.4                                             | 335                                              | 298                     | 11000                                                        | 1.80                                   | F            | 57 R37 4              |
| 5.0                                             | 290                                              | 262                     | 11200                                                        | 2.0                                    | FF           | 57 R37 4              |
| 5.8                                             | 250                                              | 226                     | 11400                                                        | 2.4                                    |              |                       |
| 6.6                                             | 215                                              | 200                     | 11500                                                        | 2.8                                    |              |                       |
| 3.6                                             | 400                                              | 370                     | 5920                                                         | 1.00                                   | FA           | 47 R17 4              |
| 4.1                                             | 365                                              | 324                     | 6410                                                         | 1.10                                   | FAF          | 47 R17 4              |
| 4.6                                             | 315                                              | 288                     | 6910                                                         | 1.25                                   | F            | 47 R17 4              |
| 5.3                                             | 270                                              | 249                     | 7310                                                         | 1.50                                   | FF           | 47 R17 4              |
| 4.0                                             | 375                                              | 334                     | 6260                                                         | 1.05                                   |              |                       |
| 4.5                                             | 330                                              | 295                     | 6780                                                         | 1.20                                   | FA           | 47 R17 4              |
| 5.2                                             | 280                                              | 253                     | 7250                                                         | 1.45                                   | FAF          | 47 R17 4              |
| 6.1                                             | 245                                              | 217                     | 7490                                                         | 1.60                                   | F            | 47 R17 4              |
| 7.0                                             | 215                                              | 190                     | 7690                                                         | 1.85                                   | FF           | 47 R17 4              |
| 7.4                                             | 200                                              | 178                     | 7770                                                         | 2.0                                    |              |                       |
| 7.1                                             | 210                                              | 186                     | 4160                                                         | 0.95                                   | FA           | 37 R17 4              |
| 7.9                                             | 188                                              | 167                     | 4460                                                         | 1.05                                   | FAF          | 37 R17 4              |
| 9.1                                             | 166                                              | 145                     | 4720                                                         | 1.20                                   | F            | 37 R17 4              |
| 10                                              | 146                                              | 129                     | 4910                                                         | 1.35                                   | FF           | 37 R17 4              |
| 3.1                                             | 555                                              | 281.71                  | 19600                                                        | 2.7                                    | FA           | 77 6                  |
| 3.3                                             | 520                                              | 262.93                  | 19700                                                        | 2.9                                    | FAF          | 77 6                  |
| 3.8                                             | 445                                              | 225.79                  | 19800                                                        | 3.4                                    | F            | 77 6                  |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 77 6                  |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 3.8                                             | 450                                              | 228.99                  | 12600                                                        | 1.80                                   | FA 77        | 6                     |
| 4.4                                             | 385                                              | 195.39                  | 12900                                                        | 2.1                                    | FAF 77       | 6                     |
| 5.1                                             | 340                                              | 170.85                  | 13000                                                        | 2.4                                    | F 77         | 6                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 77        | 6                     |
| 5.8                                             | 300                                              | 228.99                  | 13000                                                        | 2.8                                    | FA 67        | 4                     |
| 6.8                                             | 255                                              | 195.39                  | 13000                                                        | 3.2                                    | FAF 67       | 4                     |
| 7.7                                             | 225                                              | 170.85                  | 13000                                                        | 3.7                                    | F 67         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 67        | 4                     |
| 4.4                                             | 395                                              | 199.70                  | 10600                                                        | 1.50                                   |              |                       |
| 4.7                                             | 365                                              | 183.60                  | 10800                                                        | 1.65                                   | FA 57        | 6                     |
| 5.5                                             | 310                                              | 157.09                  | 11100                                                        | 1.95                                   | FAF 57       | 6                     |
| 6.4                                             | 270                                              | 136.16                  | 11300                                                        | 2.2                                    | F 57         | 6                     |
| 6.8                                             | 250                                              | 127.27                  | 11400                                                        | 2.4                                    | FF 57        | 6                     |
| 7.9                                             | 215                                              | 110.01                  | 11500                                                        | 2.8                                    |              |                       |
| 6.6                                             | 260                                              | 199.70                  | 11300                                                        | 2.3                                    | FA 57        | 4                     |
| 7.2                                             | 240                                              | 183.60                  | 11500                                                        | 2.5                                    | FAF 57       | 4                     |
| 8.4                                             | 205                                              | 157.09                  | 11500                                                        | 2.9                                    | F 57         | 4                     |
| 9.7                                             | 177                                              | 136.16                  | 11500                                                        | 3.4                                    | FF 57        | 4                     |
| 10                                              | 166                                              | 127.27                  | 11500                                                        | 3.6                                    |              |                       |
| 4.6                                             | 375                                              | 190.76                  | 6240                                                         | 1.05                                   | FA 47        | 6                     |
| 5.0                                             | 345                                              | 175.38                  | 6600                                                         | 1.15                                   | FAF 47       | 6                     |
| 5.8                                             | 295                                              | 150.06                  | 7090                                                         | 1.35                                   | F 47         | 6                     |
| 6.7                                             | 255                                              | 130.07                  | 7410                                                         | 1.55                                   | FF 47        | 6                     |
| 7.2                                             | 240                                              | 121.57                  | 7530                                                         | 1.65                                   |              |                       |
| 6.9                                             | 250                                              | 190.76                  | 7470                                                         | 1.06                                   | FA 47        | 4                     |
| 7.5                                             | 230                                              | 175.38                  | 7610                                                         | 1.75                                   | FAF 47       | 4                     |
| 8.8                                             | 195                                              | 150.06                  | 7800                                                         | 2.0                                    | F 47         | 4                     |
| 10                                              | 169                                              | 130.07                  | 7920                                                         | 2.4                                    | FF 47        | 4                     |
| 11                                              | 158                                              | 121.57                  | 7970                                                         | 2.5                                    |              |                       |
| 7.4                                             | 235                                              | 117.88                  | 3750                                                         | 0.85                                   | FA 37        | 6                     |
| 8.7                                             | 198                                              | 100.36                  | 4320                                                         | 1.00                                   | FAF 37       | 6                     |
| 10                                              | 171                                              | 86.53                   | 4660                                                         | 1.15                                   | F 37         | 6                     |
| 11                                              | 159                                              | 80.65                   | 4790                                                         | 1.25                                   | FF 37        | 6                     |
| 12                                              | 139                                              | 70.50                   | 4970                                                         | 1.45                                   |              |                       |
| 10                                              | 167                                              | 128.51                  | 4700                                                         | 1.20                                   |              |                       |
| 11                                              | 154                                              | 117.88                  | 48500                                                        | 1.30                                   |              |                       |
| 13                                              | 131                                              | 100.36                  | 5050                                                         | 1.55                                   |              |                       |
| 15                                              | 113                                              | 86.53                   | 5180                                                         | 1.75                                   |              |                       |
| 16                                              | 105                                              | 80.65                   | 5230                                                         | 1.90                                   |              |                       |
| 19                                              | 92                                               | 70.50                   | 5300                                                         | 2.2                                    |              |                       |
| 20                                              | 86                                               | 66.09                   | 5330                                                         | 2.3                                    |              |                       |
| 23                                              | 76                                               | 58.32                   | 5380                                                         | 2.6                                    | FA 37        | 4                     |
| 24                                              | 71                                               | 54.54                   | 5400                                                         | 2.8                                    | FAF 37       | 4                     |
| 26                                              | 67                                               | 51.70                   | 5410                                                         | 3.0                                    | F 37         | 4                     |
| 28                                              | 61                                               | 47.02                   | 5440                                                         | 3.3                                    | FF 37        | 4                     |
| 30                                              | 57                                               | 43.83                   | 5450                                                         | 3.5                                    |              |                       |
| 34                                              | 50                                               | 38.31                   | 5470                                                         | 4.0                                    |              |                       |
| 37                                              | 47                                               | 35.91                   | 5480                                                         | 4.3                                    |              |                       |
| 42                                              | 41                                               | 31.69                   | 5490                                                         | 4.8                                    |              |                       |
| 47                                              | 37                                               | 28.09                   | 5500                                                         | 5.5                                    |              |                       |
| 55                                              | 31                                               | 23.88                   | 5260                                                         | 6.4                                    |              |                       |
| 56                                              | 31                                               | 23.63                   | 5240                                                         | 6.5                                    |              |                       |
| 64                                              | 27                                               | 20.57                   | 5030                                                         | 7.5                                    |              |                       |
| 69                                              | 25                                               | 19.27                   | 4930                                                         | 8.0                                    |              |                       |
| 78                                              | 22                                               | 17.03                   | 4740                                                         | 9.0                                    |              |                       |
| 83                                              | 21                                               | 15.81                   | 4640                                                         | 9.7                                    |              |                       |
| 92                                              | 19                                               | 14.33                   | 4500                                                         | 11                                     |              |                       |
| 103                                             | 17                                               | 12.87                   | 4350                                                         | 12                                     | FA 37        | 4                     |
| 119                                             | 14                                               | 11.08                   | 4150                                                         | 13                                     | FAF 37       | 4                     |
| 127                                             | 14                                               | 10.42                   | 4070                                                         | 14                                     | F 37         | 4                     |
| 147                                             | 12                                               | 8.97                    | 3880                                                         | 15                                     | FF 37        | 4                     |
| 178                                             | 9.7                                              | 7.44                    | 3650                                                         | 15                                     |              |                       |
| 196                                             | 8.8                                              | 6.74                    | 3540                                                         | 16                                     |              |                       |
| 218                                             | 7.9                                              | 6.05                    | 3420                                                         | 17                                     |              |                       |
| 253                                             | 6.8                                              | 5.21                    | 3260                                                         | 18                                     |              |                       |
| 269                                             | 6.4                                              | 4.90                    | 3190                                                         | 19                                     |              |                       |
| 313                                             | 5.5                                              | 4.22                    | 3040                                                         | 20                                     |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25KW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.15                                            | 13300                                            | 8831                    | 88000                                                        | 0.90                                   |              |                       |
| 0.17                                            | 11500                                            | 7643                    | 90000                                                        | 1.05                                   | FA 127 R77   | 4                     |
| 0.19                                            | 10400                                            | 6715                    | 90000                                                        | 1.15                                   | FAF 127 R77  | 4                     |
| 0.22                                            | 9190                                             | 5925                    | 90000                                                        | 1.30                                   | F 127 R77    | 4                     |
| 0.25                                            | 7860                                             | 5153                    | 90000                                                        | 1.55                                   | FF 127 R77   | 4                     |
| 0.29                                            | 6850                                             | 4533                    | 90000                                                        | 1.75                                   |              |                       |
| 0.22                                            | 9000                                             | 5954                    | 46200                                                        | 0.85                                   | FA 107 R77   | 4                     |
| 0.25                                            | 7860                                             | 5223                    | 49300                                                        | 1.00                                   | FAF 107 R77  | 4                     |
| 0.28                                            | 7090                                             | 4567                    | 51400                                                        | 1.10                                   | F 107 R77    | 4                     |
| 0.37                                            | 5370                                             | 3521                    | 55500                                                        | 1.45                                   | FF 107 R77   | 4                     |
| 0.43                                            | 4680                                             | 3037                    | 57000                                                        | 1.65                                   |              |                       |
| 0.47                                            | 4240                                             | 2756                    | 57900                                                        | 1.80                                   | FA 107 R77   | 4                     |
| 0.55                                            | 3650                                             | 2369                    | 59100                                                        | 2.1                                    | FAF 107 R77  | 4                     |
| 0.63                                            | 3180                                             | 2068                    | 60000                                                        | 2.4                                    | F 107 R77    | 4                     |
| 0.81                                            | 2440                                             | 1597                    | 61400                                                        | 3.2                                    | FF 107 R77   | 4                     |
| 0.93                                            | 2110                                             | 1401                    | 62000                                                        | 3.6                                    |              |                       |
| 0.45                                            | 4530                                             | 2907                    | 29200                                                        | 0.95                                   |              |                       |
| 0.51                                            | 4050                                             | 2553                    | 30600                                                        | 1.05                                   |              |                       |
| 0.58                                            | 3560                                             | 2245                    | 31900                                                        | 1.20                                   | FA 97 R57    | 4                     |
| 0.66                                            | 3100                                             | 1970                    | 33100                                                        | 1.40                                   | FAF 97 R57   | 4                     |
| 0.75                                            | 2740                                             | 1722                    | 33900                                                        | 1.55                                   | F 97 R57     | 4                     |
| 0.85                                            | 2430                                             | 1527                    | 34600                                                        | 1.75                                   | FF 97 R57    | 4                     |
| 0.98                                            | 2040                                             | 1327                    | 35300                                                        | 2.1                                    |              |                       |
| 1.1                                             | 1860                                             | 1170                    | 35600                                                        | 2.3                                    |              |                       |
| 1.3                                             | 1630                                             | 1022                    | 36100                                                        | 2.6                                    |              |                       |
| 0.67                                            | 3040                                             | 1930                    | 18200                                                        | 1.00                                   |              |                       |
| 0.76                                            | 2710                                             | 1709                    | 24000                                                        | 1.10                                   |              |                       |
| 0.87                                            | 2380                                             | 1493                    | 25200                                                        | 1.25                                   | FA 87 R57    | 4                     |
| 1.0                                             | 1990                                             | 1300                    | 26500                                                        | 1.50                                   | FAF 87 R57   | 4                     |
| 1.1                                             | 1780                                             | 1148                    | 27100                                                        | 1.70                                   | F 87 R57     | 4                     |
| 1.3                                             | 1550                                             | 1010                    | 27700                                                        | 1.95                                   | FF 87 R57    | 4                     |
| 1.5                                             | 1370                                             | 887                     | 28100                                                        | 2.2                                    |              |                       |
| 1.7                                             | 1200                                             | 780                     | 28500                                                        | 2.5                                    |              |                       |
| 1.9                                             | 1020                                             | 674                     | 28900                                                        | 2.9                                    |              |                       |
| 1.2                                             | 1690                                             | 1053                    | 14300                                                        | 0.90                                   |              |                       |
| 1.4                                             | 1450                                             | 910                     | 16000                                                        | 1.05                                   |              |                       |
| 1.6                                             | 1260                                             | 810                     | 17100                                                        | 1.20                                   | FA 77 R37    | 4                     |
| 1.8                                             | 1110                                             | 710                     | 17900                                                        | 1.35                                   | FAF 77 R37   | 4                     |
| 2.1                                             | 970                                              | 615                     | 18400                                                        | 1.55                                   | F 77 R37     | 4                     |
| 2.4                                             | 850                                              | 538                     | 18800                                                        | 1.75                                   | FF 77 R37    | 4                     |
| 2.7                                             | 760                                              | 480                     | 19100                                                        | 2.0                                    |              |                       |
| 3.2                                             | 645                                              | 413                     | 19400                                                        | 2.3                                    |              |                       |
| 2.0                                             | 1000                                             | 641                     | 2370                                                         | 0.80                                   | FA 67 R37    | 4                     |
| 2.3                                             | 910                                              | 572                     | 9440                                                         | 0.90                                   | FAF 67 R37   | 4                     |
| 2.6                                             | 795                                              | 509                     | 10500                                                        | 1.05                                   | F 67 R37     | 4                     |
| 3.0                                             | 685                                              | 437                     | 11400                                                        | 1.20                                   | FF 67 R37    | 4                     |
| 2.6                                             | 810                                              | 500                     | 10400                                                        | 1.00                                   |              |                       |
| 2.9                                             | 740                                              | 454                     | 11000                                                        | 1.10                                   | FA 67 R37    | 4                     |
| 3.3                                             | 635                                              | 392                     | 11700                                                        | 1.30                                   | FAF 67 R37   | 4                     |
| 3.9                                             | 535                                              | 333                     | 12200                                                        | 1.55                                   | F 67 R37     | 4                     |
| 4.4                                             | 475                                              | 297                     | 12500                                                        | 1.70                                   | FF 67 R37    | 4                     |
| 5.0                                             | 420                                              | 261                     | 12700                                                        | 1.95                                   |              |                       |
| 5.5                                             | 375                                              | 238                     | 12900                                                        | 2.2                                    |              |                       |
| 3.4                                             | 605                                              | 386                     | 9170                                                         | 1.00                                   | FA 57 R37    | 4                     |
| 3.8                                             | 525                                              | 338                     | 9740                                                         | 1.15                                   | FAF 57 R37   | 4                     |
| 5.1                                             | 400                                              | 255                     | 10600                                                        | 1.50                                   | F 57 R37     | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 57 R37    | 4                     |
| 3.4                                             | 625                                              | 382                     | 8710                                                         | 0.95                                   |              |                       |
| 3.9                                             | 535                                              | 330                     | 9680                                                         | 1.10                                   | FA 57 R37    | 4                     |
| 4.4                                             | 485                                              | 298                     | 10000                                                        | 1.25                                   | FAF 57 R37   | 4                     |
| 5.0                                             | 425                                              | 262                     | 10400                                                        | 1.40                                   | F 57 R37     | 4                     |
| 5.8                                             | 360                                              | 226                     | 10800                                                        | 1.65                                   | FF 57 R37    | 4                     |
| 6.5                                             | 320                                              | 200                     | 11000                                                        | 1.90                                   |              |                       |
| 7.7                                             | 270                                              | 170                     | 11300                                                        | 2.2                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 5.2                                             | 395                                              | 249               | 6020                                                         | 1.00                                   | FA 47 R17    | 4                     |
| 6.0                                             | 350                                              | 218               | 6580                                                         | 1.15                                   | FAF 47 R17   | 4                     |
| 6.7                                             | 305                                              | 193               | 7000                                                         | 1.30                                   | F 47 R17     | 4                     |
| 7.4                                             | 280                                              | 175               | 7250                                                         | 1.45                                   | FF 47 R17    | 4                     |
| 5.1                                             | 405                                              | 253               | 5850                                                         | 1.00                                   |              |                       |
| 6.0                                             | 355                                              | 217               | 6490                                                         | 1.10                                   | FA 47 R17    | 4                     |
| 6.8                                             | 310                                              | 190               | 6970                                                         | 1.30                                   | FAF 47 R17   | 4                     |
| 7.3                                             | 290                                              | 178               | 7150                                                         | 1.40                                   | F 47 R17     | 4                     |
| 8.7                                             | 240                                              | 149               | 7520                                                         | 1.65                                   | FF 47 R17    | 4                     |
| 9.9                                             | 210                                              | 131               | 7710                                                         | 1.90                                   |              |                       |
| 8.9                                             | 240                                              | 145               | 3640                                                         | 0.85                                   | FA 37 R17    | 4                     |
| 10                                              | 210                                              | 129               | 4130                                                         | 0.95                                   | FAF 37 R17   | 4                     |
| 11                                              | 193                                              | 118               | 4390                                                         | 1.05                                   | F 37 R17     | 4                     |
| 13                                              | 160                                              | 98                | 4780                                                         | 1.25                                   | FF 37 R17    | 4                     |
| 15                                              | 140                                              | 87                | 4970                                                         | 1.45                                   |              |                       |
| 3.1                                             | 765                                              | 281.71            | 19100                                                        | 1.95                                   | FA 77        | 6                     |
| 3.3                                             | 715                                              | 262.93            | 19200                                                        | 2.1                                    | FAF 77       | 6                     |
| 3.9                                             | 615                                              | 225.79            | 19500                                                        | 2.5                                    | F 77         | 6                     |
| 4.4                                             | 540                                              | 198.31            | 19600                                                        | 2.8                                    | FF 77        | 6                     |
| 4.7                                             | 510                                              | 188.40            | 19700                                                        | 2.9                                    |              |                       |
| 3.8                                             | 620                                              | 228.99            | 11800                                                        | 1.30                                   | FA 67        | 6                     |
| 4.5                                             | 530                                              | 195.39            | 12300                                                        | 1.55                                   | FAF 67       | 6                     |
| 5.2                                             | 465                                              | 170.85            | 12600                                                        | 1.75                                   | F 67         | 6                     |
| 5.4                                             | 440                                              | 162.31            | 12700                                                        | 1.85                                   | FF 67        | 6                     |
| 6.2                                             | 385                                              | 142.40            | 12900                                                        | 2.1                                    |              |                       |
| 5.7                                             | 420                                              | 228.99            | 12700                                                        | 1.95                                   | FA 67        | 4                     |
| 6.7                                             | 360                                              | 195.39            | 13000                                                        | 2.3                                    | FAF 67       | 4                     |
| 7.6                                             | 315                                              | 170.85            | 13000                                                        | 2.6                                    | F 67         | 4                     |
| 8.0                                             | 300                                              | 162.31            | 13000                                                        | 2.8                                    | FF 67        | 4                     |
| 9.1                                             | 260                                              | 142.40            | 13000                                                        | 3.1                                    |              |                       |
| 4.4                                             | 540                                              | 199.70            | 9630                                                         | 1.10                                   |              |                       |
| 4.8                                             | 500                                              | 183.60            | 9940                                                         | 1.20                                   | FA 57        | 6                     |
| 5.6                                             | 425                                              | 157.09            | 10400                                                        | 1.40                                   | FAF 57       | 6                     |
| 6.5                                             | 370                                              | 136.16            | 10800                                                        | 1.60                                   | F 57         | 6                     |
| 6.9                                             | 345                                              | 127.27            | 10900                                                        | 1.75                                   | FF 57        | 6                     |
| 8.0                                             | 300                                              | 110.01            | 11100                                                        | 2.0                                    |              |                       |
| 6.5                                             | 365                                              | 199.70            | 10800                                                        | 1.65                                   |              |                       |
| 7.1                                             | 335                                              | 183.60            | 10900                                                        | 1.80                                   | FA 57        | 4                     |
| 8.3                                             | 290                                              | 157.09            | 11200                                                        | 2.1                                    | FAF 57       | 4                     |
| 9.6                                             | 250                                              | 136.16            | 11400                                                        | 2.4                                    | F 57         | 4                     |
| 10                                              | 235                                              | 127.27            | 11500                                                        | 2.6                                    | FF 57        | 4                     |
| 12                                              | 200                                              | 110.01            | 11500                                                        | 3.0                                    |              |                       |
| 5.9                                             | 405                                              | 150.06            | 5750                                                         | 1.00                                   | FA 47        | 6                     |
| 6.8                                             | 355                                              | 130.07            | 6530                                                         | 1.15                                   | FAF 47       | 6                     |
| 7.2                                             | 330                                              | 121.57            | 6770                                                         | 1.20                                   | F 47         | 6                     |
| 8.4                                             | 285                                              | 105.09            | 7190                                                         | 1.40                                   | FF 47        | 6                     |
| 6.8                                             | 350                                              | 190.76            | 6550                                                         | 1.15                                   |              |                       |
| 7.4                                             | 320                                              | 175.38            | 6850                                                         | 1.25                                   | FA 47        | 4                     |
| 8.7                                             | 275                                              | 150.06            | 7270                                                         | 1.45                                   | FAF 47       | 4                     |
| 10                                              | 240                                              | 130.07            | 7540                                                         | 1.65                                   | F 47         | 4                     |
| 11                                              | 225                                              | 121.57            | 7640                                                         | 1.80                                   | FF 47        | 4                     |
| 12                                              | 193                                              | 105.09            | 7810                                                         | 2.1                                    |              |                       |
| 15                                              | 164                                              | 89.29             | 7950                                                         | 2.4                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 10                                              | 235                                              | 128.51            | 3690                                                         | 0.85                                   |              |                       |
| 11                                              | 215                                              | 117.88            | 4040                                                         | 0.90                                   |              |                       |
| 13                                              | 184                                              | 100.36            | 4500                                                         | 1.10                                   |              |                       |
| 15                                              | 159                                              | 86.53             | 4790                                                         | 1.25                                   |              |                       |
| 16                                              | 148                                              | 80.65             | 4900                                                         | 1.35                                   |              |                       |
| 18                                              | 130                                              | 70.50             | 5060                                                         | 1.55                                   |              |                       |
| 20                                              | 121                                              | 66.09             | 5120                                                         | 1.65                                   |              |                       |
| 22                                              | 107                                              | 58.32             | 5210                                                         | 1.85                                   | FA 37        | 4                     |
| 24                                              | 100                                              | 54.54             | 5260                                                         | 2.0                                    | FAF 37       | 4                     |
| 25                                              | 95                                               | 51.70             | 5280                                                         | 2.1                                    | F 37         | 4                     |
| 28                                              | 86                                               | 47.02             | 5330                                                         | 2.3                                    | FF 37        | 4                     |
| 30                                              | 81                                               | 43.83             | 5360                                                         | 2.5                                    |              |                       |
| 34                                              | 70                                               | 38.31             | 5400                                                         | 2.8                                    |              |                       |
| 36                                              | 66                                               | 35.91             | 5420                                                         | 3.0                                    |              |                       |
| 41                                              | 58                                               | 31.69             | 5450                                                         | 3.4                                    |              |                       |
| 46                                              | 52                                               | 28.09             | 5430                                                         | 3.9                                    |              |                       |
| 54                                              | 44                                               | 23.88             | 5180                                                         | 4.6                                    |              |                       |
| 55                                              | 43                                               | 23.63             | 5170                                                         | 4.6                                    |              |                       |
| 63                                              | 38                                               | 20.57             | 4960                                                         | 5.3                                    |              |                       |
| 67                                              | 35                                               | 19.27             | 4870                                                         | 5.7                                    |              |                       |
| 76                                              | 31                                               | 17.03             | 4690                                                         | 6.4                                    |              |                       |
| 82                                              | 29                                               | 15.81             | 4590                                                         | 6.9                                    |              |                       |
| 91                                              | 26                                               | 14.33             | 4460                                                         | 7.6                                    |              |                       |
| 101                                             | 24                                               | 12.87             | 4320                                                         | 8.5                                    | FA 37        | 4                     |
| 117                                             | 20                                               | 11.08             | 4120                                                         | 9.3                                    | FAF 37       | 4                     |
| 125                                             | 19                                               | 10.42             | 4050                                                         | 9.7                                    | F 37         | 4                     |
| 145                                             | 17                                               | 8.97              | 3860                                                         | 11                                     | FF 37        | 4                     |
| 175                                             | 14                                               | 7.44              | 3630                                                         | 11                                     |              |                       |
| 193                                             | 12                                               | 6.74              | 3520                                                         | 11                                     |              |                       |
| 215                                             | 11                                               | 6.05              | 3410                                                         | 12                                     |              |                       |
| 249                                             | 9.6                                              | 5.21              | 3250                                                         | 13                                     |              |                       |
| 265                                             | 9.0                                              | 4.90              | 3190                                                         | 13                                     |              |                       |
| 308                                             | 7.7                                              | 4.22              | 3040                                                         | 14                                     |              |                       |
| <b>0.37KW</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 0.21                                            | 14900                                            | 6715              | 84800                                                        | 0.80                                   |              |                       |
| 0.23                                            | 13100                                            | 5925              | 88300                                                        | 0.90                                   | FA 127 R77   | 4                     |
| 0.27                                            | 11300                                            | 5153              | 90000                                                        | 1.05                                   | FAF 127 R77  | 4                     |
| 0.30                                            | 9850                                             | 4533              | 90000                                                        | 1.20                                   | F 127 R77    | 4                     |
| 0.35                                            | 8590                                             | 3926              | 90000                                                        | 1.40                                   | FF 127 R77   | 4                     |
| 0.40                                            | 7510                                             | 3454              | 90000                                                        | 1.60                                   |              |                       |
| 0.46                                            | 6570                                             | 3031              | 90000                                                        | 1.85                                   |              |                       |
| 0.45                                            | 6720                                             | 3037              | 52300                                                        | 1.15                                   | FA 107 R77   | 4                     |
| 0.50                                            | 6090                                             | 2756              | 53800                                                        | 1.25                                   | FAF 107 R77  | 4                     |
| 0.58                                            | 5240                                             | 2369              | 55800                                                        | 1.45                                   | F 107 R77    | 4                     |
| 0.67                                            | 4570                                             | 2068              | 57200                                                        | 1.70                                   | FF 107 R77   | 4                     |
| 0.86                                            | 3510                                             | 1597              | 59400                                                        | 2.2                                    |              |                       |
| 0.61                                            | 5070                                             | 2245              | 5160                                                         | 0.85                                   |              |                       |
| 0.70                                            | 4430                                             | 1970              | 29500                                                        | 0.95                                   |              |                       |
| 0.80                                            | 3900                                             | 1722              | 31000                                                        | 1.10                                   | FA 97 R57    | 4                     |
| 0.90                                            | 3460                                             | 1527              | 32200                                                        | 1.25                                   | FAF 97 R57   | 4                     |
| 1.0                                             | 2930                                             | 1327              | 33500                                                        | 1.45                                   | F 97 R57     | 4                     |
| 1.2                                             | 2650                                             | 1171              | 34100                                                        | 1.60                                   | FF 97 R57    | 4                     |
| 1.4                                             | 2310                                             | 1022              | 34800                                                        | 1.85                                   |              |                       |
| 1.5                                             | 1960                                             | 898               | 35500                                                        | 2.2                                    |              |                       |
| 1.1                                             | 2870                                             | 1300              | 23400                                                        | 1.05                                   |              |                       |
| 1.2                                             | 2550                                             | 1148              | 24600                                                        | 1.20                                   |              |                       |
| 1.4                                             | 2230                                             | 1010              | 25700                                                        | 1.35                                   | FA 87 R57    | 4                     |
| 1.6                                             | 1970                                             | 887               | 26500                                                        | 1.50                                   | FAF 87 R57   | 4                     |
| 1.8                                             | 1720                                             | 780               | 27200                                                        | 1.75                                   | F 87 R57     | 4                     |
| 2.0                                             | 1470                                             | 674               | 27900                                                        | 2.0                                    | FF 87 R57    | 4                     |
| 2.3                                             | 1340                                             | 609               | 28200                                                        | 2.2                                    |              |                       |
| 2.7                                             | 1130                                             | 515               | 28700                                                        | 2.7                                    |              |                       |
| 3.0                                             | 1000                                             | 452               | 29000                                                        | 3.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.37kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 1.7                                             | 1810                                             | 810               | 13300                                                        | 0.85                                   |              |                       |
| 1.9                                             | 1590                                             | 710               | 15100                                                        | 0.95                                   |              |                       |
| 2.2                                             | 1390                                             | 615               | 16400                                                        | 1.10                                   | FA 77 R37    | 4                     |
| 2.6                                             | 1210                                             | 538               | 17400                                                        | 1.25                                   | FAF 77 R37   | 4                     |
| 2.9                                             | 1080                                             | 480               | 18000                                                        | 1.40                                   | F 77 R37     | 4                     |
| 3.3                                             | 920                                              | 413               | 18600                                                        | 1.65                                   | FF 77 R37    | 4                     |
| 3.8                                             | 830                                              | 367               | 18900                                                        | 1.80                                   |              |                       |
| 4.3                                             | 730                                              | 323               | 19200                                                        | 2.0                                    |              |                       |
| 3.2                                             | 980                                              | 437               | 5750                                                         | 0.85                                   |              |                       |
| 3.6                                             | 870                                              | 384               | 9880                                                         | 0.95                                   | FA 67 R37    | 4                     |
| 4.1                                             | 770                                              | 338               | 10800                                                        | 1.05                                   | FAF 67 R37   | 4                     |
| 4.5                                             | 685                                              | 305               | 11400                                                        | 1.20                                   | F 67 R37     | 4                     |
| 5.4                                             | 575                                              | 257               | 12000                                                        | 1.40                                   | FF 67 R37    | 4                     |
| 6.0                                             | 510                                              | 231               | 12400                                                        | 1.60                                   |              |                       |
| 5.4                                             | 570                                              | 255               | 9420                                                         | 1.05                                   | FA 57 R37    | 4                     |
| 6.9                                             | 445                                              | 201               | 10300                                                        | 1.35                                   | FAF 57 R37   | 4                     |
| 7.6                                             | 405                                              | 181               | 10500                                                        | 1.50                                   | F 57 R37     | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | FF 57 R37    | 4                     |
| 5.3                                             | 605                                              | 262               | 9170                                                         | 1.00                                   |              |                       |
| 6.1                                             | 515                                              | 226               | 9810                                                         | 1.15                                   | FA 57 R37    | 4                     |
| 6.9                                             | 455                                              | 200               | 10200                                                        | 1.30                                   | FAF 57 R37   | 4                     |
| 8.1                                             | 385                                              | 170               | 10700                                                        | 1.55                                   | F 57 R37     | 4                     |
| 9.1                                             | 345                                              | 152               | 10900                                                        | 1.75                                   | FF 57 R37    | 4                     |
| 10                                              | 300                                              | 134               | 11100                                                        | 2.0                                    |              |                       |
| 7.9                                             | 395                                              | 175               | 5990                                                         | 1.00                                   | FA 47 R17    | 4                     |
| 9.4                                             | 335                                              | 147               | 6740                                                         | 1.20                                   | FAF 47 R17   | 4                     |
| 11                                              | 295                                              | 130               | 7110                                                         | 1.35                                   | F 47 R17     | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | FF 47 R17    | 4                     |
| 2.5                                             | 1410                                             | 270.68            | 28100                                                        | 2.1                                    | FA 87        | 8                     |
| 2.7                                             | 1330                                             | 255.37            | 28200                                                        | 2.3                                    | FAF 87       | 8                     |
| 3.0                                             | 1190                                             | 228.93            | 28600                                                        | 2.5                                    | F 87         | 8                     |
| 3.5                                             | 1020                                             | 197.20            | 28900                                                        | 2.9                                    | FF 87        | 8                     |
| 3.3                                             | 1060                                             | 270.68            | 28800                                                        | 2.8                                    | FA 87        | 6                     |
| 3.5                                             | 1000                                             | 255.37            | 29000                                                        | 3.0                                    | FAF 87       | 6                     |
| 3.9                                             | 900                                              | 228.93            | 29200                                                        | 3.3                                    | F 87         | 6                     |
|                                                 |                                                  |                   |                                                              |                                        | FF 87        | 6                     |
| 4.0                                             | 890                                              | 225.79            | 18700                                                        | 1.70                                   |              |                       |
| 4.5                                             | 780                                              | 198.31            | 19100                                                        | 1.95                                   | FA 77        | 6                     |
| 4.8                                             | 740                                              | 188.40            | 19200                                                        | 2.0                                    | FAF 77       | 6                     |
| 5.4                                             | 655                                              | 166.47            | 19400                                                        | 2.3                                    | F 77         | 6                     |
| 6.3                                             | 560                                              | 142.27            | 19600                                                        | 2.7                                    | FF 77        | 6                     |
| 4.9                                             | 720                                              | 281.71            | 19200                                                        | 2.1                                    | FA 77        | 4                     |
| 5.2                                             | 675                                              | 262.93            | 19300                                                        | 2.2                                    | FAF 77       | 4                     |
| 6.1                                             | 580                                              | 225.79            | 19500                                                        | 2.6                                    | F 77         | 4                     |
| 7.0                                             | 510                                              | 198.31            | 19700                                                        | 3.0                                    | FF 77        | 4                     |
| 4.6                                             | 765                                              | 195.39            | 10800                                                        | 1.05                                   | FA 67        | 6                     |
| 5.3                                             | 670                                              | 170.85            | 11500                                                        | 1.20                                   | FAF 67       | 6                     |
| 5.6                                             | 635                                              | 162.31            | 11700                                                        | 1.30                                   | F 67         | 6                     |
| 6.3                                             | 560                                              | 142.40            | 12100                                                        | 1.45                                   | FF 67        | 6                     |
| 7.4                                             | 475                                              | 120.79            | 12500                                                        | 1.75                                   |              |                       |
| 6.0                                             | 585                                              | 228.99            | 12000                                                        | 1.40                                   |              |                       |
| 7.1                                             | 500                                              | 195.39            | 12400                                                        | 1.65                                   | FA 67        | 4                     |
| 8.1                                             | 435                                              | 170.85            | 12700                                                        | 1.85                                   | FAF 67       | 4                     |
| 8.5                                             | 415                                              | 162.31            | 12800                                                        | 1.95                                   | F 67         | 4                     |
| 9.7                                             | 365                                              | 142.40            | 12900                                                        | 2.2                                    | FF 67        | 4                     |
| 11                                              | 310                                              | 120.79            | 13000                                                        | 2.7                                    |              |                       |
| 5.7                                             | 615                                              | 157.09            | 9070                                                         | 0.95                                   | FA 57        | 6                     |
| 6.6                                             | 535                                              | 136.16            | 9680                                                         | 1.10                                   | FAF 57       | 6                     |
| 7.1                                             | 500                                              | 127.27            | 9930                                                         | 1.20                                   | F 57         | 6                     |
| 8.2                                             | 430                                              | 110.01            | 10400                                                        | 1.40                                   | FF 57        | 6                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.37kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 6.9                                             | 510                                              | 199.70            | 9850                                                         | 1.15                                   |              |                       |
| 7.5                                             | 470                                              | 183.60            | 10100                                                        | 1.30                                   |              |                       |
| 8.8                                             | 400                                              | 157.09            | 10600                                                        | 1.50                                   | FA 57        | 4                     |
| 10                                              | 350                                              | 136.16            | 10900                                                        | 1.70                                   | FAF 57       | 4                     |
| 11                                              | 325                                              | 127.27            | 11000                                                        | 1.85                                   | F 57         | 4                     |
| 13                                              | 280                                              | 110.01            | 11200                                                        | 2.1                                    | FF 57        | 4                     |
| 15                                              | 240                                              | 93.47             | 11500                                                        | 2.5                                    |              |                       |
| 17                                              | 215                                              | 83.46             | 11500                                                        | 2.8                                    |              |                       |
| 9.2                                             | 385                                              | 150.06            | 6140                                                         | 1.05                                   |              |                       |
| 11                                              | 335                                              | 130.07            | 6740                                                         | 1.20                                   | FA 47        | 4                     |
| 13                                              | 270                                              | 105.09            | 7320                                                         | 1.50                                   | FAF 47       | 4                     |
| 15                                              | 230                                              | 89.29             | 7600                                                         | 1.75                                   | F 47         | 4                     |
| 17                                              | 205                                              | 79.72             | 7750                                                         | 1.95                                   | FF 47        | 4                     |
| 20                                              | 174                                              | 68.09             | 7900                                                         | 2.3                                    |              |                       |
| 21                                              | 167                                              | 65.36             | 7930                                                         | 2.4                                    |              |                       |
| 16                                              | 220                                              | 86.53             | 3960                                                         | 0.90                                   |              |                       |
| 17                                              | 205                                              | 80.65             | 4200                                                         | 0.95                                   |              |                       |
| 20                                              | 181                                              | 70.50             | 4550                                                         | 1.10                                   |              |                       |
| 21                                              | 169                                              | 66.09             | 4680                                                         | 1.20                                   |              |                       |
| 24                                              | 149                                              | 58.32             | 4890                                                         | 1.35                                   |              |                       |
| 25                                              | 140                                              | 54.54             | 4970                                                         | 1.45                                   | FA 37        | 4                     |
| 27                                              | 132                                              | 51.70             | 5030                                                         | 1.50                                   | FAF 37       | 4                     |
| 29                                              | 120                                              | 47.02             | 5120                                                         | 1.65                                   | F 37         | 4                     |
| 31                                              | 112                                              | 43.83             | 5180                                                         | 1.80                                   | FF 37        | 4                     |
| 36                                              | 98                                               | 38.31             | 5270                                                         | 2.0                                    |              |                       |
| 38                                              | 92                                               | 35.91             | 5300                                                         | 2.2                                    |              |                       |
| 44                                              | 81                                               | 31.69             | 5300                                                         | 2.5                                    |              |                       |
| 49                                              | 72                                               | 28.09             | 5140                                                         | 2.8                                    |              |                       |
| 58                                              | 61                                               | 23.88             | 4930                                                         | 3.3                                    |              |                       |
| 58                                              | 61                                               | 23.63             | 4920                                                         | 3.3                                    |              |                       |
| 67                                              | 53                                               | 20.57             | 4740                                                         | 3.8                                    |              |                       |
| 72                                              | 49                                               | 19.27             | 4650                                                         | 4.1                                    |              |                       |
| 81                                              | 44                                               | 17.03             | 4500                                                         | 4.6                                    |              |                       |
| 87                                              | 41                                               | 15.81             | 4400                                                         | 4.9                                    |              |                       |
| 96                                              | 37                                               | 14.33             | 4280                                                         | 5.4                                    |              |                       |
| 107                                             | 33                                               | 12.87             | 4150                                                         | 6.1                                    | FA 37        | 4                     |
| 125                                             | 28                                               | 11.08             | 3970                                                         | 6.7                                    | FAF 37       | 4                     |
| 132                                             | 27                                               | 10.42             | 3900                                                         | 6.9                                    | F 37         | 4                     |
| 154                                             | 23                                               | 8.97              | 3730                                                         | 7.6                                    | FF 37        | 4                     |
| 186                                             | 19                                               | 7.44              | 3510                                                         | 7.6                                    |              |                       |
| 205                                             | 17                                               | 6.74              | 3410                                                         | 8.1                                    |              |                       |
| 228                                             | 16                                               | 6.05              | 3300                                                         | 8.7                                    |              |                       |
| 265                                             | 13                                               | 5.21              | 3150                                                         | 9.4                                    |              |                       |
| 282                                             | 13                                               | 4.90              | 3090                                                         | 9.6                                    |              |                       |
| 327                                             | 11                                               | 4.22              | 2950                                                         | 10                                     |              |                       |
| <b>0.55kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 0.22                                            | 20500                                            | 6295              | 92000                                                        | 0.90                                   | FA 157 R97   | 4                     |
| 0.25                                            | 17400                                            | 5404              | 102100                                                       | 1.05                                   | FAF 157 R97  | 4                     |
| 0.49                                            | 8930                                             | 2780              | 118700                                                       | 2.0                                    | F 157 R97    | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | FF 157 R97   | 4                     |
| 0.56                                            | 7760                                             | 2427              | 120000                                                       | 2.3                                    | FA 157 R97   | 4                     |
| 0.81                                            | 5520                                             | 1674              | 120000                                                       | 3.3                                    | FAF 157 R97  | 4                     |
| 1.0                                             | 4220                                             | 1308              | 120000                                                       | 4.3                                    | F 157 R97    | 4                     |
| 1.2                                             | 3730                                             | 1169              | 120000                                                       | 4.8                                    | FF 157 R97   | 4                     |
| 0.35                                            | 13300                                            | 3926              | 88000                                                        | 0.90                                   | FA 127 R77   | 4                     |
| 0.39                                            | 11600                                            | 3454              | 90000                                                        | 1.05                                   | FAF 127 R77  | 4                     |
| 0.45                                            | 10200                                            | 3031              | 90000                                                        | 1.20                                   | F 127 R77    | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | FF 127 R77   | 4                     |
| 0.57                                            | 8100                                             | 2369              | 48700                                                        | 0.95                                   |              |                       |
| 0.66                                            | 7070                                             | 2068              | 51400                                                        | 1.10                                   |              |                       |
| 0.74                                            | 6110                                             | 1826              | 53800                                                        | 1.25                                   |              |                       |
| 0.85                                            | 5440                                             | 1597              | 55300                                                        | 1.40                                   | FA 107 R77   | 4                     |
| 0.97                                            | 4750                                             | 1401              | 56900                                                        | 1.60                                   | FAF 107 R77  | 4                     |
| 1.1                                             | 4160                                             | 1243              | 58100                                                        | 1.85                                   | F 107 R77    | 4                     |
| 1.2                                             | 3700                                             | 1087              | 59000                                                        | 2.1                                    | FF 107 R77   | 4                     |
| 1.4                                             | 3180                                             | 950               | 60000                                                        | 2.4                                    |              |                       |
| 1.6                                             | 2770                                             | 834               | 60800                                                        | 2.8                                    |              |                       |
| 2.1                                             | 2150                                             | 640               | 61900                                                        | 3.6                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>Load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                         |                                                  |                                        |              |                       |
| 1.0                                             | 4530                                             | 1327                    | 29200                                            | 0.95                                   |              |                       |
| 1.2                                             | 4060                                             | 1171                    | 30600                                            | 1.05                                   |              |                       |
| 1.3                                             | 3550                                             | 1022                    | 32000                                            | 1.20                                   |              |                       |
| 1.5                                             | 3050                                             | 898                     | 33200                                            | 1.40                                   | FA 97 R57    | 4                     |
| 1.7                                             | 2690                                             | 784                     | 34000                                            | 1.60                                   | FAF 97 R57   | 4                     |
| 2.0                                             | 2340                                             | 690                     | 34700                                            | 1.85                                   | F 97 R57     | 4                     |
| 2.2                                             | 2060                                             | 605                     | 35300                                            | 2.1                                    | FF 97 R57    | 4                     |
| 2.6                                             | 1790                                             | 529                     | 35800                                            | 2.4                                    |              |                       |
| 2.9                                             | 1580                                             | 467                     | 36100                                            | 2.7                                    |              |                       |
| 3.4                                             | 1360                                             | 406                     | 36500                                            | 3.2                                    |              |                       |
| 3.7                                             | 1220                                             | 363                     | 36700                                            | 3.5                                    |              |                       |
| 1.5                                             | 3040                                             | 887                     | 18200                                            | 1.00                                   |              |                       |
| 1.7                                             | 2660                                             | 780                     | 24200                                            | 1.15                                   | FA 87 R57    | 4                     |
| 2.0                                             | 2290                                             | 674                     | 25500                                            | 1.30                                   | FAF 87 R57   | 4                     |
| 2.2                                             | 2080                                             | 609                     | 26200                                            | 1.45                                   | F 87 R57     | 4                     |
| 2.6                                             | 1750                                             | 515                     | 27100                                            | 1.70                                   | FF 87 R57    | 4                     |
| 3.0                                             | 1540                                             | 452                     | 27700                                            | 1.95                                   |              |                       |
| 3.9                                             | 1160                                             | 345                     | 28600                                            | 2.6                                    |              |                       |
| 2.5                                             | 1860                                             | 538                     | 9980                                             | 0.80                                   | FA 77 R37    | 4                     |
| 2.8                                             | 1660                                             | 480                     | 14600                                            | 0.90                                   | FAF 77 R37   | 4                     |
| 3.3                                             | 1420                                             | 413                     | 16200                                            | 1.05                                   | F 77 R37     | 4                     |
| 3.7                                             | 1270                                             | 367                     | 17100                                            | 1.20                                   | FF 77 R37    | 4                     |
| 4.2                                             | 1120                                             | 323                     | 17800                                            | 1.35                                   |              |                       |
| 5.3                                             | 890                                              | 257                     | 9660                                             | 0.90                                   | FA 67 R37    | 4                     |
| 5.9                                             | 790                                              | 231                     | 10600                                            | 1.05                                   | FAF 67 R37   | 4                     |
| 6.6                                             | 705                                              | 205                     | 11200                                            | 1.15                                   | F 67 R37     | 4                     |
| 7.8                                             | 600                                              | 175                     | 11900                                            | 1.35                                   | FF 67 R37    | 4                     |
| 2.5                                             | 2140                                             | 276.77                  | 35100                                            | 2.0                                    | FA 97        | 8                     |
| 2.7                                             | 1960                                             | 253.41                  | 35500                                            | 2.2                                    | FAF 97       | 8                     |
| 3.0                                             | 1730                                             | 223.88                  | 35900                                            | 2.5                                    | F 97         | 8                     |
|                                                 |                                                  |                         |                                                  |                                        | FF 97        | 8                     |
| 2.5                                             | 2090                                             | 270.68                  | 26200                                            | 1.45                                   | FA 87        | 8                     |
| 2.7                                             | 1970                                             | 255.37                  | 26500                                            | 1.50                                   | FAF 87       | 8                     |
| 3.0                                             | 1770                                             | 228.93                  | 27100                                            | 1.70                                   | F 87         | 8                     |
| 3.5                                             | 1520                                             | 197.20                  | 27800                                            | 1.95                                   | FF 87        | 8                     |
| 3.3                                             | 1580                                             | 270.68                  | 27600                                            | 1.90                                   | FA 87        | 6                     |
| 3.5                                             | 1490                                             | 255.37                  | 27800                                            | 2.0                                    | FAF 87       | 6                     |
| 3.9                                             | 1340                                             | 228.93                  | 28200                                            | 2.2                                    | F 87         | 6                     |
| 4.6                                             | 1150                                             | 197.20                  | 28700                                            | 2.6                                    | FF 87        | 6                     |
| 5.0                                             | 1050                                             | 179.97                  | 28900                                            | 2.9                                    |              |                       |
| 4.0                                             | 1320                                             | 225.79                  | 16800                                            | 1.15                                   | FA 77        | 6                     |
| 4.5                                             | 1160                                             | 198.31                  | 17600                                            | 1.30                                   | FAF 77       | 6                     |
| 4.8                                             | 1100                                             | 188.40                  | 17900                                            | 1.35                                   | F 77         | 6                     |
| 5.4                                             | 970                                              | 166.47                  | 18400                                            | 1.55                                   | FF 77        | 6                     |
| 6.3                                             | 830                                              | 142.27                  | 18900                                            | 1.80                                   |              |                       |
| 6.9                                             | 760                                              | 130.42                  | 19100                                            | 1.95                                   |              |                       |
| 6.0                                             | 870                                              | 225.79                  | 18800                                            | 1.70                                   |              |                       |
| 6.9                                             | 765                                              | 198.31                  | 19100                                            | 1.95                                   |              |                       |
| 7.2                                             | 730                                              | 188.40                  | 19200                                            | 2.1                                    | FA 77        | 4                     |
| 8.2                                             | 645                                              | 166.47                  | 19400                                            | 2.3                                    | FAF 77       | 4                     |
| 9.6                                             | 550                                              | 142.27                  | 19600                                            | 2.7                                    | F 77         | 4                     |
| 10                                              | 505                                              | 130.42                  | 19700                                            | 3.0                                    | FF 77        | 4                     |
| 12                                              | 440                                              | 114.45                  | 19800                                            | 3.4                                    |              |                       |
| 13                                              | 420                                              | 108.46                  | 19800                                            | 3.6                                    |              |                       |
| 14                                              | 365                                              | 94.93                   | 19900                                            | 4.1                                    |              |                       |
| 7.0                                             | 755                                              | 195.39                  | 10900                                            | 1.10                                   |              |                       |
| 8.0                                             | 660                                              | 170.85                  | 11500                                            | 1.25                                   |              |                       |
| 8.4                                             | 625                                              | 162.31                  | 11700                                            | 1.30                                   | FA 67        | 4                     |
| 9.6                                             | 550                                              | 142.40                  | 12200                                            | 1.50                                   | FAF 67       | 4                     |
| 11                                              | 465                                              | 120.79                  | 12600                                            | 1.75                                   | F 67         | 4                     |
| 12                                              | 420                                              | 109.04                  | 12700                                            | 1.95                                   | FF 67        | 4                     |
| 14                                              | 370                                              | 95.94                   | 12900                                            | 2.2                                    |              |                       |
| 15                                              | 350                                              | 90.59                   | 13000                                            | 2.3                                    |              |                       |
| 17                                              | 310                                              | 79.76                   | 13000                                            | 2.7                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>Load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kw</b>                                   |                                                  |                         |                                                  |                                        |              |                       |
| 8.7                                             | 605                                              | 157.09                  | 9150                                             | 1.00                                   |              |                       |
| 10                                              | 525                                              | 136.16                  | 9750                                             | 1.15                                   |              |                       |
| 11                                              | 490                                              | 127.27                  | 9980                                             | 1.20                                   | FA 57        | 4                     |
| 12                                              | 425                                              | 110.01                  | 10400                                            | 1.40                                   | FAF 57       | 4                     |
| 15                                              | 360                                              | 93.47                   | 10800                                            | 1.65                                   | F 57         | 4                     |
| 16                                              | 320                                              | 83.46                   | 11000                                            | 1.85                                   | FF 57        | 4                     |
| 19                                              | 280                                              | 72.98                   | 11200                                            | 2.1                                    |              |                       |
| 20                                              | 265                                              | 68.22                   | 11300                                            | 2.3                                    |              |                       |
| 23                                              | 230                                              | 58.97                   | 11500                                            | 2.6                                    |              |                       |
| 13                                              | 405                                              | 105.09                  | 5840                                             | 1.00                                   |              |                       |
| 15                                              | 345                                              | 89.29                   | 6620                                             | 1.15                                   |              |                       |
| 17                                              | 310                                              | 79.72                   | 6990                                             | 1.30                                   | FA 47        | 4                     |
| 20                                              | 265                                              | 68.09                   | 7370                                             | 1.50                                   | FAF 47       | 4                     |
| 21                                              | 250                                              | 65.36                   | 7440                                             | 1.60                                   | F 47         | 4                     |
| 24                                              | 220                                              | 56.49                   | 7670                                             | 1.85                                   | FF 47        | 4                     |
| 28                                              | 185                                              | 48.00                   | 7850                                             | 2.2                                    |              |                       |
| 32                                              | 166                                              | 42.86                   | 7940                                             | 2.4                                    |              |                       |
| 23                                              | 225                                              | 58.32                   | 3890                                             | 0.90                                   |              |                       |
| 25                                              | 210                                              | 54.54                   | 4140                                             | 0.95                                   |              |                       |
| 26                                              | 200                                              | 51.70                   | 4300                                             | 1.00                                   |              |                       |
| 29                                              | 182                                              | 47.02                   | 4540                                             | 1.10                                   | FA 37        | 4                     |
| 31                                              | 169                                              | 43.83                   | 4680                                             | 1.20                                   | FAF 37       | 4                     |
| 36                                              | 148                                              | 38.31                   | 4900                                             | 1.35                                   | F 37         | 4                     |
| 38                                              | 139                                              | 35.91                   | 4980                                             | 1.45                                   | FF 37        | 4                     |
| 43                                              | 122                                              | 31.69                   | 4990                                             | 1.65                                   |              |                       |
| 48                                              | 109                                              | 28.09                   | 4870                                             | 1.85                                   |              |                       |
| 57                                              | 92                                               | 23.88                   | 4700                                             | 2.2                                    |              |                       |
| 58                                              | 91                                               | 23.63                   | 4690                                             | 2.2                                    |              |                       |
| 66                                              | 79                                               | 20.57                   | 4540                                             | 2.5                                    |              |                       |
| 71                                              | 74                                               | 19.27                   | 4470                                             | 2.7                                    |              |                       |
| 80                                              | 66                                               | 17.03                   | 4340                                             | 3.0                                    |              |                       |
| 95                                              | 55                                               | 14.33                   | 4150                                             | 3.6                                    |              |                       |
| 106                                             | 50                                               | 12.87                   | 4030                                             | 4.0                                    |              |                       |
| 123                                             | 43                                               | 11.08                   | 3870                                             | 4.4                                    | FA 37        | 4                     |
| 130                                             | 40                                               | 10.42                   | 3810                                             | 4.6                                    | FAF 37       | 4                     |
| 152                                             | 35                                               | 8.97                    | 3650                                             | 5.1                                    | F 37         | 4                     |
| 170                                             | 31                                               | 8.01                    | 3540                                             | 5.5                                    | FF 37        | 4                     |
| 183                                             | 29                                               | 7.44                    | 3440                                             | 5.1                                    |              |                       |
| 202                                             | 26                                               | 6.74                    | 3340                                             | 5.4                                    |              |                       |
| 225                                             | 23                                               | 6.05                    | 3240                                             | 5.8                                    |              |                       |
| 261                                             | 20                                               | 5.21                    | 3100                                             | 6.2                                    |              |                       |
| 277                                             | 19                                               | 4.90                    | 3050                                             | 6.3                                    |              |                       |
| 322                                             | 16                                               | 4.22                    | 2920                                             | 6.8                                    |              |                       |
| 361                                             | 15                                               | 3.77                    | 2820                                             | 7.2                                    |              |                       |
| <b>0.75KW</b>                                   |                                                  |                         |                                                  |                                        |              |                       |
| 0.50                                            | 12300                                            | 2780                    | 113600                                           | 1.45                                   | FA 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                  |                                        | FAF 157 R97  | 4                     |
|                                                 |                                                  |                         |                                                  |                                        | F 157 R97    | 4                     |
|                                                 |                                                  |                         |                                                  |                                        | FF 157 R97   | 4                     |
| 0.57                                            | 10700                                            | 2427                    | 116200                                           | 1.70                                   | FA 157 R97   | 4                     |
| 0.82                                            | 7580                                             | 1674                    | 120000                                           | 2.4                                    | FAF 157 R97  | 4                     |
| 1.1                                             | 5830                                             | 1308                    | 120000                                           | 3.1                                    | F 157 R97    | 4                     |
| 1.2                                             | 5170                                             | 1169                    | 120000                                           | 3.5                                    | FF 157 R97   | 4                     |
| 0.46                                            | 13800                                            | 3031                    | 86900                                            | 0.85                                   | FA 127 R77   | 4                     |
|                                                 |                                                  |                         |                                                  |                                        | FAF 127 R77  | 4                     |
|                                                 |                                                  |                         |                                                  |                                        | F 127 R77    | 4                     |
|                                                 |                                                  |                         |                                                  |                                        | FF 127 R77   | 4                     |
| 0.52                                            | 12400                                            | 2672                    | 89600                                            | 0.95                                   | FA 127 R77   | 4                     |
| 0.59                                            | 10900                                            | 2357                    | 90000                                            | 1.10                                   | FAF 127 R77  | 4                     |
| 0.68                                            | 9390                                             | 2038                    | 90000                                            | 1.30                                   | F 127 R77    | 4                     |
| 0.77                                            | 8190                                             | 1784                    | 90000                                            | 1.45                                   | FF 127 R77   | 4                     |
| 0.86                                            | 7350                                             | 1606                    | 90000                                            | 1.65                                   |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>Overhung<br>Load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.76                                            | 8360                                             | 1826                    | 48000                                                        | 0.90                                   |              |                       |
| 0.86                                            | 7400                                             | 1597                    | 50500                                                        | 1.05                                   |              |                       |
| 0.98                                            | 6470                                             | 1401                    | 52900                                                        | 1.20                                   |              |                       |
| 1.1                                             | 5690                                             | 1243                    | 54800                                                        | 1.35                                   | FA 107 R77   | 4                     |
| 1.3                                             | 5040                                             | 1087                    | 56200                                                        | 1.50                                   | FAF 107 R77  | 4                     |
| 1.5                                             | 4350                                             | 950                     | 57700                                                        | 1.75                                   | F 107 R77    | 4                     |
| 1.7                                             | 3800                                             | 834                     | 58800                                                        | 2.0                                    | FF 107 R77   | 4                     |
| 2.2                                             | 2940                                             | 640                     | 60500                                                        | 2.6                                    |              |                       |
| 3.2                                             | 2000                                             | 436                     | 62200                                                        | 3.8                                    |              |                       |
| 1.4                                             | 4810                                             | 1022                    | 22800                                                        | 0.90                                   |              |                       |
| 1.5                                             | 4150                                             | 898                     | 30300                                                        | 1.05                                   |              |                       |
| 1.8                                             | 3660                                             | 784                     | 31700                                                        | 1.20                                   | FA 97 R57    | 4                     |
| 2.0                                             | 3190                                             | 690                     | 32900                                                        | 1.35                                   | FAF 97 R57   | 4                     |
| 2.3                                             | 2800                                             | 605                     | 33800                                                        | 1.55                                   | F 97 R57     | 4                     |
| 2.6                                             | 2440                                             | 529                     | 34500                                                        | 1.75                                   | FF 97 R57    | 4                     |
| 3.0                                             | 2160                                             | 467                     | 35100                                                        | 2.0                                    |              |                       |
| 3.4                                             | 1860                                             | 406                     | 35600                                                        | 2.3                                    |              |                       |
| 3.8                                             | 1670                                             | 363                     | 36000                                                        | 2.6                                    |              |                       |
| 2.0                                             | 3120                                             | 674                     | 14700                                                        | 0.95                                   | FA 87 R57    | 4                     |
| 2.3                                             | 2830                                             | 609                     | 23600                                                        | 1.05                                   | FAF 87 R57   | 4                     |
| 2.7                                             | 2390                                             | 515                     | 25200                                                        | 1.25                                   | F 87 R57     | 4                     |
| 3.0                                             | 2100                                             | 452                     | 26100                                                        | 1.45                                   | FF 87 R57    | 4                     |
| 4.0                                             | 1590                                             | 345                     | 27600                                                        | 1.90                                   |              |                       |
| 3.8                                             | 1720                                             | 367                     | 14100                                                        | 0.85                                   | FA 77 R37    | 4                     |
| 4.3                                             | 1520                                             | 323                     | 15600                                                        | 1.00                                   | FAF 77 R37   | 4                     |
| 4.9                                             | 1310                                             | 280                     | 16900                                                        | 1.15                                   | F 77 R37     | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 77 R37    | 4                     |
| 2.7                                             | 2640                                             | 254.40                  | 61100                                                        | 2.9                                    | FA 107       | 8                     |
|                                                 |                                                  |                         |                                                              |                                        | FAF 107      | 8                     |
|                                                 |                                                  |                         |                                                              |                                        | F 107        | 8                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107       | 8                     |
| 2.5                                             | 2870                                             | 276.77                  | 33600                                                        | 1.50                                   | FA 97        | 8                     |
| 2.7                                             | 2630                                             | 253.41                  | 34100                                                        | 1.65                                   | FAF 97       | 8                     |
| 3.1                                             | 2320                                             | 223.88                  | 34800                                                        | 1.85                                   | F 97         | 8                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 8                     |
| 3.2                                             | 2200                                             | 276.77                  | 35000                                                        | 1.95                                   | FA 97        | 6                     |
| 3.5                                             | 2020                                             | 253.41                  | 35400                                                        | 2.1                                    | FAF 97       | 6                     |
| 4.0                                             | 1780                                             | 223.88                  | 35800                                                        | 2.4                                    | F 97         | 6                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 6                     |
| 3.3                                             | 2150                                             | 270.68                  | 26000                                                        | 1.40                                   |              |                       |
| 3.5                                             | 2030                                             | 255.37                  | 26300                                                        | 1.50                                   | FA 87        | 6                     |
| 3.9                                             | 1820                                             | 228.93                  | 27000                                                        | 1.65                                   | FAF 87       | 6                     |
| 4.6                                             | 1570                                             | 197.20                  | 27600                                                        | 1.90                                   | F 87         | 6                     |
| 5.0                                             | 1430                                             | 179.97                  | 28000                                                        | 2.1                                    | FF 87        | 6                     |
| 5.6                                             | 1270                                             | 156.61                  | 28400                                                        | 2.4                                    |              |                       |
| 5.1                                             | 1400                                             | 270.68                  | 28100                                                        | 2.1                                    | FA 87        | 4                     |
| 5.4                                             | 1330                                             | 255.37                  | 28200                                                        | 2.3                                    | FAF 87       | 4                     |
| 6.0                                             | 1190                                             | 228.93                  | 28600                                                        | 2.5                                    | F 87         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87        | 4                     |
| 4.5                                             | 1580                                             | 198.31                  | 15200                                                        | 0.95                                   |              |                       |
| 4.8                                             | 1500                                             | 188.40                  | 15700                                                        | 1.00                                   | FA 77        | 6                     |
| 5.4                                             | 1320                                             | 166.47                  | 16800                                                        | 1.15                                   | FAF 77       | 6                     |
| 6.3                                             | 1130                                             | 142.27                  | 17800                                                        | 1.30                                   | F 77         | 6                     |
| 6.9                                             | 1040                                             | 130.42                  | 18200                                                        | 1.45                                   | FF 77        | 6                     |
| 6.1                                             | 1170                                             | 225.79                  | 17600                                                        | 1.30                                   | FA 77        | 4                     |
| 7.0                                             | 1030                                             | 198.31                  | 18200                                                        | 1.45                                   | FAF 77       | 4                     |
| 7.3                                             | 980                                              | 188.40                  | 18400                                                        | 1.55                                   | F 77         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 77        | 4                     |
| 8.3                                             | 860                                              | 160.47                  | 18800                                                        | 1.75                                   |              |                       |
| 9.7                                             | 740                                              | 142.27                  | 19200                                                        | 2.0                                    | FA 77        | 4                     |
| 11                                              | 675                                              | 130.42                  | 19300                                                        | 2.2                                    | FAF 77       | 4                     |
| 12                                              | 595                                              | 114.45                  | 19500                                                        | 2.5                                    | F 77         | 4                     |
| 13                                              | 565                                              | 108.46                  | 19600                                                        | 2.7                                    | FF 77        | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>Overhung<br>Load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 8.1                                             | 890                                              | 170.85                  | 9670                                                         | 0.90                                   | FA 67        | 4                     |
| 8.5                                             | 840                                              | 162.31                  | 10100                                                        | 0.95                                   | FAF 67       | 4                     |
| 9.7                                             | 740                                              | 142.40                  | 11000                                                        | 1.10                                   | F 67         | 4                     |
| 11                                              | 625                                              | 120.79                  | 11700                                                        | 1.30                                   | FF 67        | 4                     |
| 13                                              | 565                                              | 109.04                  | 12100                                                        | 1.45                                   |              |                       |
| 14                                              | 500                                              | 95.94                   | 12400                                                        | 1.65                                   | FA 67        | 4                     |
| 15                                              | 470                                              | 90.59                   | 12500                                                        | 1.75                                   | FAF 67       | 4                     |
| 17                                              | 415                                              | 79.76                   | 12800                                                        | 2.0                                    | F 67         | 4                     |
| 20                                              | 350                                              | 67.65                   | 13000                                                        | 2.3                                    | FF 67        | 4                     |
| 23                                              | 315                                              | 61.07                   | 13000                                                        | 2.6                                    |              |                       |
| 11                                              | 660                                              | 127.27                  | 5290                                                         | 0.90                                   |              |                       |
| 13                                              | 570                                              | 110.01                  | 9420                                                         | 1.05                                   |              |                       |
| 15                                              | 485                                              | 93.47                   | 10000                                                        | 1.25                                   | FA 57        | 4                     |
| 17                                              | 435                                              | 83.46                   | 10400                                                        | 1.40                                   | FAF 57       | 4                     |
| 19                                              | 380                                              | 72.98                   | 10700                                                        | 1.60                                   | F 57         | 4                     |
| 20                                              | 355                                              | 68.22                   | 10800                                                        | 1.70                                   | FF 57        | 4                     |
| 23                                              | 305                                              | 58.97                   | 11100                                                        | 1.95                                   |              |                       |
| 28                                              | 260                                              | 50.10                   | 11300                                                        | 2.3                                    |              |                       |
| 31                                              | 230                                              | 44.73                   | 11400                                                        | 2.6                                    |              |                       |
| 17                                              | 415                                              | 79.72                   | 5060                                                         | 0.95                                   | FA 47        | 4                     |
| 20                                              | 355                                              | 68.09                   | 6520                                                         | 1.15                                   | FAF 47       | 4                     |
| 21                                              | 340                                              | 65.36                   | 6680                                                         | 1.20                                   | F 47         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 47        | 4                     |
| 24                                              | 295                                              | 56.49                   | 7120                                                         | 1.35                                   |              |                       |
| 29                                              | 250                                              | 48.00                   | 7470                                                         | 1.60                                   | FA 47        | 4                     |
| 32                                              | 220                                              | 42.86                   | 7640                                                         | 1.80                                   | FAF 47       | 4                     |
| 38                                              | 190                                              | 36.61                   | 7820                                                         | 2.1                                    | F 47         | 4                     |
| 40                                              | 178                                              | 34.29                   | 7850                                                         | 2.2                                    | FF 47        | 4                     |
| 48                                              | 150                                              | 28.88                   | 7540                                                         | 2.7                                    |              |                       |
| 29                                              | 245                                              | 47.02                   | 3530                                                         | 0.80                                   |              |                       |
| 31                                              | 230                                              | 43.83                   | 3850                                                         | 0.90                                   |              |                       |
| 36                                              | 199                                              | 38.31                   | 4310                                                         | 1.00                                   | FA 37        | 4                     |
| 38                                              | 186                                              | 35.91                   | 4480                                                         | 1.05                                   | FAF 37       | 4                     |
| 44                                              | 165                                              | 31.69                   | 4620                                                         | 1.20                                   | F 37         | 4                     |
| 49                                              | 146                                              | 28.09                   | 4540                                                         | 1.35                                   | FF 37        | 4                     |
| 58                                              | 124                                              | 23.88                   | 4410                                                         | 1.60                                   |              |                       |
| 58                                              | 123                                              | 23.63                   | 4400                                                         | 1.65                                   |              |                       |
| 67                                              | 107                                              | 20.57                   | 4290                                                         | 1.85                                   |              |                       |
| 72                                              | 100                                              | 19.27                   | 4240                                                         | 2.0                                    |              |                       |
| 81                                              | 88                                               | 17.03                   | 4130                                                         | 2.3                                    |              |                       |
| 96                                              | 74                                               | 14.33                   | 3970                                                         | 2.7                                    |              |                       |
| 107                                             | 67                                               | 12.87                   | 3870                                                         | 3.0                                    | FA 37        | 4                     |
| 125                                             | 58                                               | 11.08                   | 3730                                                         | 3.3                                    | FAF 37       | 4                     |
| 132                                             | 54                                               | 10.42                   | 3680                                                         | 3.4                                    | F 37         | 4                     |
| 154                                             | 47                                               | 8.97                    | 3540                                                         | 3.8                                    | FF 37        | 4                     |
| 205                                             | 35                                               | 6.74                    | 3250                                                         | 4.0                                    |              |                       |
| 228                                             | 31                                               | 6.05                    | 3150                                                         | 4.3                                    |              |                       |
| 265                                             | 27                                               | 5.21                    | 3030                                                         | 4.6                                    |              |                       |
| 282                                             | 25                                               | 4.90                    | 2970                                                         | 4.7                                    |              |                       |
| 327                                             | 22                                               | 4.22                    | 2850                                                         | 5.0                                    |              |                       |
| 366                                             | 20                                               | 3.77                    | 2760                                                         | 5.4                                    |              |                       |
| <b>1.1kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 0.50                                            | 18200                                            | 2780                    | 99800                                                        | 1.00                                   | FA 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FAF 157 R97  | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | F 157 R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 157 R97   | 4                     |
| 0.58                                            | 16000                                            | 2427                    | 105800                                                       | 1.15                                   |              |                       |
| 0.64                                            | 14300                                            | 2185                    | 109700                                                       | 1.25                                   |              |                       |
| 0.72                                            | 12700                                            | 1944                    | 112900                                                       | 1.40                                   |              |                       |
| 0.84                                            | 11200                                            | 1674                    | 115500                                                       | 1.60                                   | FA 157 R97   | 4                     |
| 1.1                                             | 8640                                             | 1308                    | 119000                                                       | 2.1                                    | FAF 157 R97  | 4                     |
| 1.2                                             | 7680                                             | 1169                    | 120000                                                       | 2.3                                    | F 157 R97    | 4                     |
| 1.5                                             | 6190                                             | 953                     | 120000                                                       | 2.9                                    | FF 157 R97   | 4                     |
| 1.7                                             | 5450                                             | 845                     | 120000                                                       | 3.3                                    |              |                       |
| 3.1                                             | 2880                                             | 446                     | 120000                                                       | 6.2                                    |              |                       |
| 4.6                                             | 1950                                             | 302                     | 120000                                                       | 9.2                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Re}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 0.69                                            | 13800                                            | 2038                  | 87000                                                        | 0.85                                   |              |                       |
| 0.79                                            | 12000                                            | 1784                  | 90000                                                        | 1.00                                   | FA 127 R77   | 4                     |
| 0.87                                            | 10800                                            | 1606                  | 90000                                                        | 1.10                                   | FAF127 R77   | 4                     |
| 1.0                                             | 9350                                             | 1390                  | 90000                                                        | 1.30                                   | F 127 R77    | 4                     |
| 1.1                                             | 8170                                             | 1220                  | 90000                                                        | 1.45                                   | FF 127 R77   | 4                     |
| 1.3                                             | 7260                                             | 1077                  | 90000                                                        | 1.65                                   |              |                       |
| 1.1                                             | 8360                                             | 1243                  | 48000                                                        | 0.90                                   |              |                       |
| 1.3                                             | 7370                                             | 1087                  | 50600                                                        | 1.05                                   | FA 107 R77   | 4                     |
| 1.5                                             | 6390                                             | 950                   | 53100                                                        | 1.20                                   | FAF107 R77   | 4                     |
| 1.7                                             | 5590                                             | 834                   | 55000                                                        | 1.35                                   | F 107 R77    | 4                     |
| 1.9                                             | 4910                                             | 736                   | 56500                                                        | 1.55                                   | FF 107 R77   | 4                     |
| 2.2                                             | 4310                                             | 640                   | 57800                                                        | 1.80                                   |              |                       |
| 2.0                                             | 4670                                             | 690                   | 27800                                                        | 0.90                                   |              |                       |
| 2.3                                             | 4100                                             | 605                   | 30500                                                        | 1.05                                   | FA 97 R57    | 4                     |
| 2.7                                             | 3580                                             | 529                   | 31900                                                        | 1.20                                   | FAF97 R57    | 4                     |
| 3.0                                             | 3160                                             | 467                   | 32900                                                        | 1.35                                   | F 97 R57     | 4                     |
| 3.5                                             | 2730                                             | 406                   | 33900                                                        | 1.55                                   | FF 97 R57    | 4                     |
| 3.8                                             | 2450                                             | 363                   | 34500                                                        | 1.75                                   |              |                       |
| 3.1                                             | 3070                                             | 452                   | 16900                                                        | 1.00                                   | FA 87 R57    | 4                     |
| 4.1                                             | 2330                                             | 345                   | 25400                                                        | 1.30                                   | FAF87 R57    | 4                     |
| 4.7                                             | 2020                                             | 300                   | 26400                                                        | 1.50                                   | F 87 R57     | 4                     |
| 5.6                                             | 1670                                             | 249                   | 27400                                                        | 1.80                                   | FF 87 R57    | 4                     |
| 2.7                                             | 3930                                             | 254.40                | 58600                                                        | 1.95                                   | FA 107       | 8                     |
| 3.2                                             | 3330                                             | 215.37                | 59800                                                        | 2.3                                    | FAF107       | 8                     |
| 3.4                                             | 3080                                             | 199.31                | 60200                                                        | 2.5                                    | F 107        | 8                     |
| 3.8                                             | 2760                                             | 178.64                | 60800                                                        | 2.8                                    | FF 107       | 8                     |
| 3.3                                             | 3160                                             | 276.77                | 32900                                                        | 1.35                                   | FA 97        | 6                     |
| 3.6                                             | 2890                                             | 253.41                | 33600                                                        | 1.50                                   | FAF97        | 6                     |
| 4.1                                             | 2560                                             | 223.88                | 34300                                                        | 1.70                                   | F 97         | 6                     |
| 4.8                                             | 2170                                             | 189.92                | 35100                                                        | 2.0                                    | FF 97        | 6                     |
| 5.3                                             | 2000                                             | 174.87                | 35400                                                        | 2.2                                    |              |                       |
| 5.1                                             | 2080                                             | 276.77                | 35200                                                        | 2.1                                    | FA 97        | 4                     |
| 5.5                                             | 1900                                             | 253.41                | 35600                                                        | 2.3                                    | FAF97        | 4                     |
| 6.2                                             | 1680                                             | 223.88                | 36000                                                        | 2.6                                    | F 97         | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 97        | 4                     |
| 3.4                                             | 3090                                             | 270.68                | 16000                                                        | 0.95                                   |              |                       |
| 3.6                                             | 2920                                             | 255.37                | 22700                                                        | 1.05                                   | FA 87        | 6                     |
| 4.0                                             | 2610                                             | 228.93                | 24400                                                        | 1.15                                   | FAF87        | 6                     |
| 4.7                                             | 2250                                             | 197.20                | 25700                                                        | 1.35                                   | F 87         | 6                     |
| 5.1                                             | 2050                                             | 179.97                | 26300                                                        | 1.45                                   | FF 87        | 6                     |
| 5.8                                             | 1820                                             | 159.61                | 27000                                                        | 1.65                                   |              |                       |
| 5.2                                             | 2030                                             | 270.68                | 26300                                                        | 1.50                                   | FA 87        | 4                     |
| 5.5                                             | 1920                                             | 255.37                | 26700                                                        | 1.55                                   | FAF87        | 4                     |
| 6.1                                             | 1720                                             | 228.93                | 27200                                                        | 1.75                                   | F 87         | 4                     |
| 7.1                                             | 1480                                             | 197.20                | 27900                                                        | 2.0                                    | FF 87        | 4                     |
| 7.8                                             | 1350                                             | 179.97                | 28200                                                        | 2.2                                    | FA 87        | 4                     |
| 8.8                                             | 1200                                             | 159.61                | 28500                                                        | 2.5                                    | FAF87        | 4                     |
| 10                                              | 1010                                             | 134.16                | 29000                                                        | 3.0                                    | F 87         | 4                     |
| 11                                              | 930                                              | 123.29                | 29100                                                        | 3.2                                    | FF 87        | 4                     |
| 7.1                                             | 1490                                             | 198.31                | 15800                                                        | 1.00                                   | FA 77        | 4                     |
| 7.4                                             | 1410                                             | 188.40                | 16300                                                        | 1.05                                   | FAF77        | 4                     |
| 8.4                                             | 1250                                             | 166.47                | 17200                                                        | 1.20                                   | F 77         | 4                     |
| 9.8                                             | 1070                                             | 142.27                | 18000                                                        | 1.40                                   | FF 77        | 4                     |
| 11                                              | 980                                              | 130.42                | 18400                                                        | 1.55                                   |              |                       |
| 12                                              | 860                                              | 114.45                | 18800                                                        | 1.75                                   | FA 77        | 4                     |
| 13                                              | 810                                              | 108.46                | 18900                                                        | 1.85                                   | FAF77        | 4                     |
| 15                                              | 710                                              | 94.93                 | 19200                                                        | 2.1                                    | F 77         | 4                     |
| 16                                              | 640                                              | 85.52                 | 19400                                                        | 2.3                                    | FF 77        | 4                     |
| 19                                              | 565                                              | 75.02                 | 19600                                                        | 2.7                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Re}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 12                                              | 910                                              | 120.79                | 9460                                                         | 0.90                                   |              |                       |
| 13                                              | 820                                              | 109.04                | 10300                                                        | 1.00                                   |              |                       |
| 15                                              | 720                                              | 95.94                 | 11100                                                        | 1.15                                   |              |                       |
| 15                                              | 680                                              | 90.59                 | 11400                                                        | 1.20                                   |              |                       |
| 18                                              | 600                                              | 79.76                 | 11900                                                        | 1.35                                   | FA 67        | 4                     |
| 21                                              | 510                                              | 67.65                 | 12400                                                        | 1.60                                   | FAF 67       | 4                     |
| 23                                              | 460                                              | 61.07                 | 12600                                                        | 1.80                                   | F 67         | 4                     |
| 26                                              | 405                                              | 53.73                 | 12800                                                        | 2.0                                    | FF 67        | 4                     |
| 28                                              | 380                                              | 50.74                 | 12900                                                        | 2.2                                    |              |                       |
| 32                                              | 325                                              | 43.20                 | 13000                                                        | 2.5                                    |              |                       |
| 36                                              | 295                                              | 39.26                 | 13000                                                        | 2.7                                    |              |                       |
| 41                                              | 255                                              | 34.01                 | 13000                                                        | 2.9                                    |              |                       |
| 17                                              | 625                                              | 83.46                 | 8470                                                         | 0.95                                   |              |                       |
| 19                                              | 550                                              | 72.98                 | 9590                                                         | 1.10                                   |              |                       |
| 21                                              | 510                                              | 68.22                 | 9840                                                         | 1.15                                   | FA 57        | 4                     |
| 24                                              | 440                                              | 58.97                 | 10300                                                        | 1.35                                   | FAF 57       | 4                     |
| 28                                              | 375                                              | 50.10                 | 10700                                                        | 1.60                                   | F 57         | 4                     |
| 31                                              | 335                                              | 44.73                 | 10700                                                        | 1.80                                   | FF 57        | 4                     |
| 37                                              | 285                                              | 38.21                 | 10400                                                        | 2.1                                    |              |                       |
| 39                                              | 270                                              | 35.79                 | 10200                                                        | 2.2                                    |              |                       |
| 46                                              | 225                                              | 30.15                 | 9810                                                         | 2.6                                    |              |                       |
| 25                                              | 425                                              | 56.49                 | 3730                                                         | 0.95                                   | FA 47        | 4                     |
| 29                                              | 360                                              | 48.00                 | 6440                                                         | 1.10                                   | FAF 47       | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | F 47         | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 47        | 4                     |
| 33                                              | 320                                              | 42.86                 | 6860                                                         | 1.25                                   | FA 47        | 4                     |
| 38                                              | 275                                              | 36.61                 | 7280                                                         | 1.45                                   | FAF 47       | 4                     |
| 41                                              | 255                                              | 34.29                 | 7260                                                         | 1.55                                   | F 47         | 4                     |
| 48                                              | 215                                              | 28.88                 | 7040                                                         | 1.85                                   | FF 47        | 4                     |
| 45                                              | 230                                              | 30.86                 | 7130                                                         | 1.75                                   | FA 47        | 4                     |
| 48                                              | 220                                              | 29.32                 | 7060                                                         | 1.80                                   | FAF 47       | 4                     |
| 54                                              | 193                                              | 25.72                 | 6880                                                         | 2.1                                    | F 47         | 4                     |
| 64                                              | 164                                              | 21.82                 | 6640                                                         | 2.4                                    | FF 47        | 4                     |
| 71                                              | 148                                              | 19.70                 | 6490                                                         | 2.7                                    |              |                       |
| 44                                              | 240                                              | 31.69                 | 3660                                                         | 0.85                                   | FA 37        | 4                     |
| 50                                              | 210                                              | 28.09                 | 3970                                                         | 1.95                                   | FAF 37       | 4                     |
| 59                                              | 179                                              | 23.88                 | 3930                                                         | 1.10                                   | F 37         | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 37        | 4                     |
| 68                                              | 154                                              | 20.57                 | 3870                                                         | 1.30                                   |              |                       |
| 73                                              | 145                                              | 19.27                 | 3740                                                         | 1.40                                   |              |                       |
| 82                                              | 128                                              | 17.03                 | 3780                                                         | 1.55                                   |              |                       |
| 98                                              | 108                                              | 14.33                 | 3680                                                         | 1.85                                   |              |                       |
| 109                                             | 97                                               | 12.87                 | 3610                                                         | 2.1                                    |              |                       |
| 126                                             | 83                                               | 11.08                 | 3500                                                         | 2.3                                    | FA 37        | 4                     |
| 134                                             | 78                                               | 10.42                 | 3460                                                         | 2.4                                    | FAF 37       | 4                     |
| 156                                             | 67                                               | 8.97                  | 3350                                                         | 2.6                                    | F 37         | 4                     |
| 175                                             | 60                                               | 8.01                  | 3260                                                         | 2.8                                    | FF 37        | 4                     |
| 208                                             | 51                                               | 6.74                  | 3090                                                         | 2.8                                    |              |                       |
| 231                                             | 45                                               | 6.05                  | 3010                                                         | 3.0                                    |              |                       |
| 269                                             | 39                                               | 5.21                  | 2900                                                         | 3.2                                    |              |                       |
| 286                                             | 37                                               | 4.90                  | 2860                                                         | 3.3                                    |              |                       |
| 332                                             | 32                                               | 4.22                  | 2750                                                         | 3.5                                    |              |                       |
| 372                                             | 28                                               | 3.77                  | 2670                                                         | 3.7                                    |              |                       |
| <b>1.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 0.58                                            | 21900                                            | 2427                  | 86400                                                        | 0.80                                   |              |                       |
| 0.65                                            | 19700                                            | 2185                  | 95000                                                        | 0.90                                   |              |                       |
| 0.73                                            | 17500                                            | 1944                  | 101700                                                       | 1.05                                   |              |                       |
| 0.84                                            | 15300                                            | 1674                  | 107400                                                       | 1.20                                   | FA 157R97    | 4                     |
| 1.1                                             | 11944                                            | 1308                  | 114400                                                       | 1.50                                   | FAF 157R97   | 4                     |
| 1.2                                             | 10600                                            | 1169                  | 116400                                                       | 1.70                                   | F 157R97     | 4                     |
| 1.5                                             | 8540                                             | 953                   | 119100                                                       | 2.1                                    | FF 157R97    | 4                     |
| 1.7                                             | 7530                                             | 845                   | 120000                                                       | 2.4                                    |              |                       |
| 3.2                                             | 3980                                             | 446                   | 120000                                                       | 4.5                                    |              |                       |
| 4.7                                             | 2690                                             | 302                   | 120000                                                       | 6.7                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 0.88                                            | 14800                                            | 1606                  | 85000                                                        | 0.80                                   |              |                       |
| 1.0                                             | 12800                                            | 1390                  | 89000                                                        | 0.95                                   |              |                       |
| 1.2                                             | 11200                                            | 1220                  | 90000                                                        | 1.05                                   | FA 127 R77   | 4                     |
| 1.3                                             | 9910                                             | 1077                  | 90000                                                        | 1.20                                   | FAF 127 R77  | 4                     |
| 1.5                                             | 8520                                             | 930                   | 90000                                                        | 1.40                                   | F 127 R77    | 4                     |
| 1.7                                             | 7500                                             | 820                   | 90000                                                        | 1.60                                   | FF 127 R77   | 4                     |
| 1.9                                             | 6630                                             | 727                   | 90000                                                        | 1.80                                   |              |                       |
| 2.2                                             | 5960                                             | 648                   | 90000                                                        | 2.0                                    |              |                       |
| 1.5                                             | 8730                                             | 950                   | 46900                                                        | 0.90                                   |              |                       |
| 1.7                                             | 7640                                             | 834                   | 49900                                                        | 1.00                                   |              |                       |
| 1.9                                             | 6730                                             | 736                   | 52300                                                        | 1.15                                   | FA 107 R77   | 4                     |
| 2.2                                             | 5890                                             | 640                   | 54300                                                        | 1.30                                   | FAF 107 R77  | 4                     |
| 2.5                                             | 5110                                             | 560                   | 56100                                                        | 1.50                                   | F 107 R77    | 4                     |
| 2.9                                             | 4460                                             | 489                   | 57500                                                        | 1.70                                   | FF 107 R77   | 4                     |
| 3.2                                             | 4010                                             | 436                   | 58400                                                        | 1.90                                   |              |                       |
| 3.8                                             | 3400                                             | 370                   | 59600                                                        | 2.3                                    |              |                       |
| 2.7                                             | 4880                                             | 529                   | 19800                                                        | 0.90                                   | FA 97 R57    | 4                     |
| 3.0                                             | 4310                                             | 467                   | 29900                                                        | 1.00                                   | FAF 97 R57   | 4                     |
| 3.5                                             | 3730                                             | 406                   | 31500                                                        | 1.15                                   | F 97 R57     | 4                     |
| 3.9                                             | 3340                                             | 363                   | 32500                                                        | 1.30                                   | FF 97 R57    | 4                     |
| 4.1                                             | 3180                                             | 345                   | 11100                                                        | 0.95                                   | FA 87 R57    | 4                     |
| 4.7                                             | 2760                                             | 300                   | 23900                                                        | 1.10                                   | FAF 87 R57   | 4                     |
| 5.7                                             | 2290                                             | 249                   | 25500                                                        | 1.30                                   | F 87 R57     | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 87 R57    | 4                     |
| 2.8                                             | 5210                                             | 254.40                | 55900                                                        | 1.50                                   | FA 107       | 8                     |
| 3.2                                             | 4410                                             | 215.37                | 57600                                                        | 1.75                                   | FAF 107      | 8                     |
| 3.5                                             | 4080                                             | 199.31                | 58300                                                        | 1.90                                   | F 107        | 8                     |
| 3.9                                             | 3660                                             | 178.64                | 59100                                                        | 2.1                                    | FF 107       | 8                     |
| 3.6                                             | 3960                                             | 254.40                | 58500                                                        | 1.95                                   | FA 107       | 6                     |
| 4.3                                             | 3350                                             | 215.37                | 59700                                                        | 2.3                                    | FAF 107      | 6                     |
| 4.6                                             | 3100                                             | 199.31                | 60200                                                        | 2.5                                    | F 107        | 6                     |
| 5.2                                             | 2780                                             | 178.64                | 60800                                                        | 2.8                                    | FF 107       | 6                     |
| 3.3                                             | 4310                                             | 276.77                | 29900                                                        | 1.00                                   | FA 97        | 6                     |
| 3.6                                             | 3950                                             | 253.41                | 30900                                                        | 1.10                                   | FAF 97       | 6                     |
| 4.1                                             | 3490                                             | 223.88                | 32100                                                        | 1.25                                   | F 97         | 6                     |
| 4.8                                             | 2960                                             | 189.92                | 33400                                                        | 1.45                                   | FF 97        | 6                     |
| 5.3                                             | 2720                                             | 174.87                | 33900                                                        | 1.60                                   |              |                       |
| 5.1                                             | 2810                                             | 276.77                | 33700                                                        | 1.55                                   | FA 97        | 4                     |
| 5.6                                             | 2570                                             | 253.41                | 34300                                                        | 1.65                                   | FAF 97       | 4                     |
| 6.3                                             | 2270                                             | 223.88                | 34900                                                        | 1.90                                   | F 97         | 4                     |
| 7.4                                             | 1930                                             | 189.92                | 35500                                                        | 2.2                                    | FF 97        | 4                     |
| 8.1                                             | 1780                                             | 174.87                | 35800                                                        | 2.4                                    |              |                       |
| 5.2                                             | 2750                                             | 270.68                | 23900                                                        | 1.10                                   | FA 87        | 4                     |
| 5.5                                             | 2590                                             | 255.37                | 24500                                                        | 1.15                                   | FAF 87       | 4                     |
| 6.2                                             | 2330                                             | 228.93                | 24600                                                        | 1.30                                   | F 87         | 4                     |
| 7.2                                             | 2000                                             | 197.20                |                                                              | 1.50                                   | FF 87        | 4                     |
| 7.8                                             | 1830                                             | 179.97                | 26900                                                        | 1.65                                   | FA 87        | 4                     |
| 8.8                                             | 1620                                             | 159.61                | 27500                                                        | 1.85                                   | FAF 87       | 4                     |
| 11                                              | 1360                                             | 134.16                | 28200                                                        | 2.2                                    | F 87         | 4                     |
| 13                                              | 1110                                             | 109.49                | 28700                                                        | 2.7                                    | FF 87        | 4                     |
| 14                                              | 990                                              | 97.89                 | 29000                                                        | 3.0                                    |              |                       |
| 8.5                                             | 1690                                             | 166.47                | 14300                                                        | 0.90                                   | FA 77        | 4                     |
| 9.9                                             | 1450                                             | 142.27                | 16100                                                        | 1.05                                   | FAF 77       | 4                     |
| 11                                              | 1320                                             | 130.42                | 16800                                                        | 1.15                                   | F 77         | 4                     |
| 12                                              | 1160                                             | 114.45                | 17600                                                        | 1.30                                   | FF 77        | 4                     |
| 13                                              | 1100                                             | 108.46                | 17900                                                        | 1.35                                   |              |                       |
| 15                                              | 960                                              | 94.93                 | 18400                                                        | 1.55                                   |              |                       |
| 16                                              | 870                                              | 85.52                 | 18800                                                        | 1.75                                   |              |                       |
| 19                                              | 760                                              | 75.02                 | 19100                                                        | 1.95                                   |              |                       |
| 19                                              | 735                                              | 72.50                 | 19200                                                        | 2.0                                    | FA 77        | 4                     |
| 21                                              | 675                                              | 66.46                 | 19300                                                        | 2.2                                    | FAF 77       | 4                     |
| 24                                              | 595                                              | 58.32                 | 19500                                                        | 2.5                                    | F 77         | 4                     |
| 26                                              | 560                                              | 55.27                 | 19600                                                        | 2.7                                    | FF 77        | 4                     |
| 29                                              | 490                                              | 48.37                 | 19700                                                        | 3.0                                    |              |                       |
| 32                                              | 445                                              | 43.58                 | 19800                                                        | 3.4                                    |              |                       |
| 37                                              | 390                                              | 38.23                 | 19900                                                        | 3.9                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 39                                              | 370                                              | 36.58                 | 19900                                                        | 3.0                                    | FA 77        | 4                     |
| 45                                              | 320                                              | 31.51                 | 20000                                                        | 4.3                                    | FAF 77       | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | F 77         | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 77        | 4                     |
| 16                                              | 920                                              | 90.59                 | 9300                                                         | 0.90                                   |              |                       |
| 18                                              | 810                                              | 79.76                 | 10400                                                        | 1.00                                   |              |                       |
| 21                                              | 685                                              | 67.65                 | 11400                                                        | 1.20                                   | FA 67        | 4                     |
| 23                                              | 620                                              | 61.07                 | 11800                                                        | 1.30                                   | FAF 67       | 4                     |
| 26                                              | 545                                              | 53.73                 | 12200                                                        | 1.50                                   | F 67         | 4                     |
| 28                                              | 515                                              | 50.74                 | 12300                                                        | 1.60                                   | FF 67        | 4                     |
| 33                                              | 440                                              | 43.20                 | 12700                                                        | 1.85                                   |              |                       |
| 36                                              | 400                                              | 39.26                 | 12800                                                        | 1.95                                   |              |                       |
| 39                                              | 370                                              | 36.30                 | 12900                                                        | 2.2                                    | FA 67        | 4                     |
| 44                                              | 325                                              | 32.08                 | 13000                                                        | 2.5                                    | FAF 67       | 4                     |
| 51                                              | 280                                              | 27.41                 | 13000                                                        | 2.9                                    | F 67         | 4                     |
| 56                                              | 255                                              | 25.13                 | 13000                                                        | 3.2                                    | FF 67        | 4                     |
| 24                                              | 600                                              | 58.97                 | 9210                                                         | 1.00                                   | FA 57        | 4                     |
| 28                                              | 510                                              | 50.10                 | 9860                                                         | 1.20                                   | FAF 57       | 4                     |
| 32                                              | 455                                              | 44.73                 | 9990                                                         | 1.30                                   | F 57         | 4                     |
| 37                                              | 390                                              | 38.21                 | 9740                                                         | 1.55                                   | FF 57        | 4                     |
| 39                                              | 365                                              | 35.79                 | 9620                                                         | 1.65                                   |              |                       |
| 47                                              | 305                                              | 30.15                 | 9310                                                         | 1.95                                   |              |                       |
| 33                                              | 435                                              | 42.86                 | 575                                                          | 0.90                                   | FA 47        | 4                     |
| 39                                              | 370                                              | 36.61                 | 6300                                                         | 1.10                                   | FAF 47       | 4                     |
| 41                                              | 350                                              | 34.29                 | 6580                                                         | 1.15                                   | F 47         | 4                     |
| 49                                              | 295                                              | 28.88                 | 6500                                                         | 1.35                                   | FF 47        | 4                     |
| 46                                              | 315                                              | 30.86                 | 6550                                                         | 1.30                                   |              |                       |
| 48                                              | 300                                              | 29.32                 | 6510                                                         | 1.35                                   |              |                       |
| 55                                              | 260                                              | 25.72                 | 6390                                                         | 1.55                                   | FA 47        | 4                     |
| 65                                              | 220                                              | 21.82                 | 6230                                                         | 1.80                                   | FAF 47       | 4                     |
| 72                                              | 200                                              | 19.70                 | 6110                                                         | 2.0                                    | F 47         | 4                     |
| 81                                              | 176                                              | 17.33                 | 5970                                                         | 2.3                                    | FF 47        | 4                     |
| 86                                              | 166                                              | 16.36                 | 5900                                                         | 2.4                                    |              |                       |
| 101                                             | 142                                              | 13.93                 | 5700                                                         | 2.8                                    |              |                       |
| 69                                              | 210                                              | 20.57                 | 3410                                                         | 0.95                                   |              |                       |
| 73                                              | 196                                              | 19.27                 | 3410                                                         | 1.00                                   |              |                       |
| 83                                              | 173                                              | 17.03                 | 3400                                                         | 1.15                                   |              |                       |
| 98                                              | 146                                              | 14.33                 | 3350                                                         | 1.35                                   |              |                       |
| 110                                             | 131                                              | 12.87                 | 3310                                                         | 1.55                                   |              |                       |
| 127                                             | 113                                              | 11.08                 | 3250                                                         | 1.70                                   | FA 37        | 4                     |
| 135                                             | 106                                              | 10.42                 | 3220                                                         | 1.75                                   | FAF 37       | 4                     |
| 157                                             | 91                                               | 8.97                  | 3140                                                         | 1.90                                   | F 37         | 4                     |
| 176                                             | 81                                               | 8.01                  | 3080                                                         | 2.1                                    | FF 37        | 4                     |
| 209                                             | 69                                               | 6.74                  | 2920                                                         | 2.0                                    |              |                       |
| 233                                             | 62                                               | 6.05                  | 2850                                                         | 2.2                                    |              |                       |
| 271                                             | 53                                               | 5.21                  | 2770                                                         | 2.4                                    |              |                       |
| 288                                             | 50                                               | 4.90                  | 2730                                                         | 2.4                                    |              |                       |
| 334                                             | 43                                               | 4.22                  | 2640                                                         | 2.6                                    |              |                       |
| 374                                             | 38                                               | 3.77                  | 2570                                                         | 2.7                                    |              |                       |
| <b>2.2kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 0.98                                            | 18900                                            | 1441                  | 97500                                                        | 0.95                                   | FA 157 R97   | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FAF 157 R97  | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | F 157 R97    | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 157 R97   | 4                     |
| 1.1                                             | 17600                                            | 1308                  | 101400                                                       | 1.00                                   |              |                       |
| 1.2                                             | 15700                                            | 1169                  | 106500                                                       | 1.15                                   |              |                       |
| 1.5                                             | 12700                                            | 953                   | 112800                                                       | 1.40                                   |              |                       |
| 1.7                                             | 11200                                            | 845                   | 115400                                                       | 1.60                                   |              |                       |
| 1.9                                             | 10100                                            | 764                   | 117100                                                       | 1.80                                   | FA 157 R97   | 4                     |
| 2.1                                             | 9020                                             | 680                   | 118600                                                       | 2.0                                    | FAF 157 R97  | 4                     |
| 2.5                                             | 7610                                             | 576                   | 120000                                                       | 2.4                                    | F 157 R97    | 4                     |
| 3.2                                             | 5940                                             | 446                   | 120000                                                       | 3.0                                    | FF 157 R97   | 4                     |
| 4.7                                             | 4020                                             | 302                   | 120000                                                       | 4.5                                    |              |                       |
| 5.2                                             | 3630                                             | 273                   | 120000                                                       | 5.0                                    |              |                       |
| 6.1                                             | 3060                                             | 232                   | 120000                                                       | 5.9                                    |              |                       |
| 7.2                                             | 2590                                             | 197                   | 120000                                                       | 6.9                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>2.2kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 1.3                                             | 14600                                            | 1077                  | 85300                                                        | 0.80                                   |              |                       |
| 1.5                                             | 12600                                            | 930                   | 89300                                                        | 0.95                                   |              |                       |
| 1.7                                             | 11100                                            | 820                   | 90000                                                        | 1.10                                   |              |                       |
| 1.9                                             | 9830                                             | 727                   | 90000                                                        | 1.20                                   | FA 127 R77   | 4                     |
| 2.2                                             | 8810                                             | 648                   | 90000                                                        | 1.35                                   | FAF 127 R77  | 4                     |
| 2.6                                             | 7460                                             | 549                   | 90000                                                        | 1.60                                   | F 127 R77    | 4                     |
| 2.8                                             | 6720                                             | 495                   | 90000                                                        | 1.80                                   | FF 127 R77   | 4                     |
| 3.3                                             | 5810                                             | 428                   | 90000                                                        | 2.1                                    |              |                       |
| 2.2                                             | 8700                                             | 640                   | 47000                                                        | 0.90                                   |              |                       |
| 2.5                                             | 7580                                             | 560                   | 50100                                                        | 1.00                                   | FA 107 R77   | 4                     |
| 2.9                                             | 6610                                             | 489                   | 52500                                                        | 1.15                                   | FAF 107 R77  | 4                     |
| 3.2                                             | 5930                                             | 436                   | 54200                                                        | 1.30                                   | F 107 R77    | 4                     |
| 3.8                                             | 5030                                             | 370                   | 56300                                                        | 1.55                                   | FF 107 R77   | 4                     |
| 4.2                                             | 4520                                             | 333                   | 57300                                                        | 1.70                                   |              |                       |
| 3.9                                             | 4940                                             | 363                   | 16500                                                        | 0.85                                   | FA 97 R57    | 4                     |
| 4.9                                             | 3890                                             | 285                   | 31100                                                        | 1.10                                   | FAF 97 R57   | 4                     |
| 5.8                                             | 3340                                             | 245                   | 32500                                                        | 1.30                                   | F 97 R57     | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 97 R57    | 4                     |
| 2.8                                             | 7640                                             | 254.40                | 49900                                                        | 1.00                                   | FA 107       | 8                     |
| 3.2                                             | 6460                                             | 215.37                | 52900                                                        | 1.20                                   | FAF 107      | 8                     |
| 3.5                                             | 5980                                             | 199.31                | 54100                                                        | 1.30                                   | F 107        | 8                     |
| 3.9                                             | 5360                                             | 178.64                | 55500                                                        | 1.45                                   | FF 107       | 8                     |
| 3.7                                             | 5690                                             | 254.40                | 54800                                                        | 1.35                                   | FA 107       | 6                     |
| 4.4                                             | 4810                                             | 215.37                | 56700                                                        | 1.60                                   | FAF 107      | 6                     |
| 4.7                                             | 4450                                             | 199.31                | 57500                                                        | 1.70                                   | F 107        | 6                     |
| 5.3                                             | 3990                                             | 178.64                | 58400                                                        | 1.90                                   | FF 107       | 6                     |
| 5.5                                             | 3790                                             | 254.40                | 58900                                                        | 2.0                                    | FA 107       | 4                     |
| 6.6                                             | 3210                                             | 215.37                | 60000                                                        | 2.4                                    | FAF 107      | 4                     |
| 7.1                                             | 2970                                             | 199.31                | 60400                                                        | 2.6                                    | F 107        | 4                     |
| 7.9                                             | 2660                                             | 178.64                | 61000                                                        | 2.9                                    | FF 107       | 4                     |
| 4.2                                             | 5000                                             | 223.88                | 12400                                                        | 0.85                                   | FA 97        | 6                     |
| 4.9                                             | 4240                                             | 189.92                | 30100                                                        | 1.00                                   | FAF 97       | 6                     |
| 5.4                                             | 3910                                             | 174.87                | 31000                                                        | 1.10                                   | F 97         | 6                     |
| 6.0                                             | 3490                                             | 156.30                | 32100                                                        | 1.25                                   | FF 97        | 6                     |
| 5.1                                             | 4120                                             | 276.77                | 30400                                                        | 1.05                                   |              |                       |
| 5.6                                             | 3780                                             | 253.41                | 31400                                                        | 1.15                                   |              |                       |
| 6.3                                             | 3340                                             | 233.88                | 32500                                                        | 1.30                                   | FA 97        | 4                     |
| 7.4                                             | 2830                                             | 189.92                | 33700                                                        | 1.50                                   | FAF 97       | 4                     |
| 8.1                                             | 2610                                             | 174.87                | 34200                                                        | 1.65                                   | F 97         | 4                     |
| 9.0                                             | 2330                                             | 156.30                | 34800                                                        | 1.85                                   | FF 97        | 4                     |
| 10                                              | 2100                                             | 140.71                | 35200                                                        | 2.0                                    |              |                       |
| 11                                              | 1900                                             | 127.42                | 35600                                                        | 2.3                                    |              |                       |
| 7.2                                             | 2940                                             | 197.20                | 22000                                                        | 1.00                                   | FA 87        | 4                     |
| 7.8                                             | 2680                                             | 179.97                | 24200                                                        | 1.10                                   | FAF 87       | 4                     |
| 8.8                                             | 2380                                             | 159.61                | 25200                                                        | 1.25                                   | F 87         | 4                     |
| 11                                              | 2000                                             | 134.16                | 26400                                                        | 1.50                                   | FF 87        | 4                     |
| 11                                              | 1840                                             | 123.29                | 26900                                                        | 1.65                                   |              |                       |
| 13                                              | 1630                                             | 109.49                | 27500                                                        | 1.85                                   |              |                       |
| 14                                              | 1460                                             | 97.89                 | 27900                                                        | 2.1                                    | FA 87        | 4                     |
| 16                                              | 1310                                             | 88.01                 | 28300                                                        | 2.3                                    | FAF 87       | 4                     |
| 18                                              | 1140                                             | 76.39                 | 27800                                                        | 2.6                                    | F 87         | 4                     |
| 21                                              | 1020                                             | 68.40                 | 27100                                                        | 2.9                                    | FF 87        | 4                     |
| 25                                              | 850                                              | 56.75                 | 25900                                                        | 3.5                                    |              |                       |
| 28                                              | 750                                              | 50.36                 | 25200                                                        | 3.9                                    |              |                       |
| 31                                              | 675                                              | 45.28                 | 24500                                                        | 4.2                                    |              |                       |
| 12                                              | 1710                                             | 114.45                | 14200                                                        | 0.90                                   | FA 77        | 4                     |
| 13                                              | 1620                                             | 108.46                | 14900                                                        | 0.95                                   | FAF 77       | 4                     |
| 15                                              | 1410                                             | 94.93                 | 16300                                                        | 1.05                                   | F 77         | 4                     |
| 16                                              | 1270                                             | 85.52                 | 17100                                                        | 1.20                                   | FF 77        | 4                     |
| 19                                              | 1120                                             | 75.02                 | 17800                                                        | 1.35                                   |              |                       |
| 21                                              | 990                                              | 66.46                 | 18300                                                        | 1.50                                   | FA 77        | 4                     |
| 24                                              | 870                                              | 58.32                 | 18800                                                        | 1.75                                   | FAF 77       | 4                     |
| 26                                              | 820                                              | 55.27                 | 18900                                                        | 1.80                                   | F 77         | 4                     |
| 29                                              | 720                                              | 48.37                 | 19200                                                        | 2.1                                    | FF 77        | 4                     |
| 32                                              | 650                                              | 43.58                 | 19400                                                        | 2.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>2.2kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 39                                              | 545                                              | 36.58                 | 19600                                                        | 2.0                                    | FA 77        | 4                     |
| 45                                              | 470                                              | 31.51                 | 19700                                                        | 2.9                                    | FAF 77       | 4                     |
| 49                                              | 430                                              | 28.75                 | 19800                                                        | 3.3                                    | F 77         | 4                     |
| 55                                              | 380                                              | 25.50                 | 19900                                                        | 4.0                                    | FF 77        | 4                     |
| 23                                              | 910                                              | 61.07                 | 9420                                                         | 0.90                                   |              |                       |
| 26                                              | 800                                              | 53.73                 | 10500                                                        | 1.00                                   | FA 67        | 4                     |
| 28                                              | 755                                              | 50.74                 | 10800                                                        | 1.10                                   | FAF 67       | 4                     |
| 33                                              | 645                                              | 43.20                 | 11600                                                        | 1.25                                   | F 67         | 4                     |
| 36                                              | 585                                              | 39.26                 | 12000                                                        | 1.35                                   | FF 67        | 4                     |
| 41                                              | 505                                              | 34.01                 | 12400                                                        | 1.45                                   |              |                       |
| 44                                              | 480                                              | 32.08                 | 12500                                                        | 1.70                                   |              |                       |
| 51                                              | 410                                              | 27.41                 | 12800                                                        | 2.0                                    | FA 67        | 4                     |
| 56                                              | 375                                              | 25.13                 | 12900                                                        | 2.2                                    | FAF 67       | 4                     |
| 64                                              | 330                                              | 22.05                 | 13000                                                        | 2.5                                    | F 67         | 4                     |
| 67                                              | 310                                              | 20.90                 | 13000                                                        | 2.6                                    | FF 67        | 4                     |
| 77                                              | 275                                              | 18.29                 | 13000                                                        | 3.0                                    |              |                       |
| 32                                              | 665                                              | 44.73                 | 4480                                                         | 0.90                                   | FA 57        | 4                     |
| 37                                              | 570                                              | 38.21                 | 8660                                                         | 1.05                                   | FAF 57       | 4                     |
| 39                                              | 535                                              | 35.79                 | 8620                                                         | 1.15                                   | F 57         | 4                     |
| 47                                              | 450                                              | 30.15                 | 8460                                                         | 1.30                                   | FF 57        | 4                     |
| 56                                              | 370                                              | 24.96                 | 8240                                                         | 1.55                                   |              |                       |
| 67                                              | 315                                              | 21.17                 | 8020                                                         | 1.90                                   | FA 57        | 4                     |
| 74                                              | 285                                              | 19.11                 | 7870                                                         | 2.1                                    | FAF 57       | 4                     |
| 84                                              | 250                                              | 16.81                 | 7670                                                         | 2.4                                    | F 57         | 4                     |
| 89                                              | 235                                              | 15.88                 | 7580                                                         | 2.5                                    | FF 57        | 4                     |
| 55                                              | 385                                              | 25.72                 | 5560                                                         | 1.05                                   |              |                       |
| 65                                              | 325                                              | 21.82                 | 5520                                                         | 1.25                                   |              |                       |
| 72                                              | 295                                              | 19.70                 | 5480                                                         | 1.35                                   |              |                       |
| 81                                              | 260                                              | 17.33                 | 5410                                                         | 1.55                                   | FA 47        | 4                     |
| 86                                              | 245                                              | 16.36                 | 5370                                                         | 1.65                                   | FAF 47       | 4                     |
| 101                                             | 210                                              | 13.93                 | 5250                                                         | 1.95                                   | F 47         | 4                     |
| 111                                             | 189                                              | 12.66                 | 5170                                                         | 2.1                                    | FF 47        | 4                     |
| 129                                             | 163                                              | 10.97                 | 5040                                                         | 2.5                                    |              |                       |
| 157                                             | 133                                              | 8.96                  | 4740                                                         | 2.5                                    |              |                       |
| 98                                              | 215                                              | 14.33                 | 2790                                                         | 0.95                                   |              |                       |
| 110                                             | 192                                              | 12.87                 | 2810                                                         | 1.05                                   |              |                       |
| 127                                             | 165                                              | 11.08                 | 2820                                                         | 1.15                                   |              |                       |
| 135                                             | 155                                              | 10.42                 | 2810                                                         | 1.20                                   |              |                       |
| 157                                             | 134                                              | 8.97                  | 2790                                                         | 1.30                                   | FA 37        | 4                     |
| 176                                             | 119                                              | 8.01                  | 2770                                                         | 1.40                                   | FAF 37       | 4                     |
| 209                                             | 100                                              | 6.74                  | 2630                                                         | 1.40                                   | F 37         | 4                     |
| 233                                             | 90                                               | 6.05                  | 2590                                                         | 1.50                                   | FF 37        | 4                     |
| 271                                             | 78                                               | 5.21                  | 2540                                                         | 1.60                                   |              |                       |
| 288                                             | 73                                               | 4.90                  | 2520                                                         | 1.65                                   |              |                       |
| 334                                             | 63                                               | 4.22                  | 2460                                                         | 1.75                                   |              |                       |
| 374                                             | 56                                               | 3.77                  | 2400                                                         | 1.85                                   |              |                       |
| <b>3.0kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 1.2                                             | 21700                                            | 11.69                 | 87200                                                        | 0.85                                   |              |                       |
| 1.5                                             | 17600                                            | 953                   | 101300                                                       | 1.00                                   |              |                       |
| 1.7                                             | 15600                                            | 845                   | 106700                                                       | 1.15                                   |              |                       |
| 1.8                                             | 14100                                            | 764                   | 110100                                                       | 1.30                                   |              |                       |
| 2.1                                             | 12500                                            | 680                   | 113200                                                       | 1.45                                   | FA 157 R97   | 4                     |
| 2.4                                             | 10600                                            | 576                   | 116400                                                       | 1.70                                   | FAF 157 R97  | 4                     |
| 3.1                                             | 8250                                             | 446                   | 119500                                                       | 2.2                                    | F 157 R97    | 4                     |
| 4.6                                             | 5580                                             | 302                   | 120000                                                       | 3.2                                    | FF 157 R97   | 4                     |
| 5.1                                             | 5040                                             | 273                   | 120000                                                       | 3.6                                    |              |                       |
| 6.1                                             | 4250                                             | 232                   | 120000                                                       | 4.2                                    |              |                       |
| 7.1                                             | 3610                                             | 197                   | 120000                                                       | 5.0                                    |              |                       |
| 1.9                                             | 13600                                            | 727                   | 87400                                                        | 0.90                                   | FA 127 R77   | 4                     |
| 2.2                                             | 12200                                            | 648                   | 90000                                                        | 1.00                                   | FAF 127 R77  | 4                     |
| 2.5                                             | 10300                                            | 549                   | 90000                                                        | 1.15                                   | F 127 R77    | 4                     |
| 2.8                                             | 9270                                             | 495                   | 90000                                                        | 1.30                                   | FF 127 R77   | 4                     |
| 3.2                                             | 8170                                             | 436                   | 48500                                                        | 0.95                                   | FA 107 R77   | 4                     |
| 3.8                                             | 6930                                             | 370                   | 51800                                                        | 1.10                                   | FAF 107 R77  | 4                     |
| 4.2                                             | 6240                                             | 333                   | 53500                                                        | 1.25                                   | F 107 R77    | 4                     |
| 4.8                                             | 5460                                             | 291                   | 55300                                                        | 1.40                                   | FF 107 R77   | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>3.0kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 3.7                                             | 7750                                             | 245.40                  | 49600                                                        | 1.00                                   | FA 107       | 6                     |
| 4.4                                             | 6560                                             | 215.37                  | 52700                                                        | 1.15                                   | FAF 107      | 6                     |
| 4.7                                             | 6070                                             | 199.31                  | 53900                                                        | 1.25                                   | F 107        | 6                     |
| 5.3                                             | 5440                                             | 178.64                  | 55300                                                        | 1.40                                   | FF 107       | 6                     |
| 5.5                                             | 5210                                             | 254.40                  | 55900                                                        | 1.50                                   | FA 107       | 4                     |
| 6.5                                             | 4410                                             | 215.37                  | 57600                                                        | 1.75                                   | FAF 107      | 4                     |
| 7.0                                             | 4080                                             | 199.31                  | 58300                                                        | 1.90                                   | F 107        | 4                     |
| 7.8                                             | 3660                                             | 178.64                  | 59100                                                        | 2.1                                    | FF 107       | 4                     |
| 8.7                                             | 3300                                             | 161.28                  | 59800                                                        | 2.3                                    |              |                       |
| 6.2                                             | 4580                                             | 223.88                  | 29000                                                        | 0.95                                   | FA 97        | 4                     |
| 7.4                                             | 3890                                             | 189.92                  | 31100                                                        | 1.10                                   | FAF 97       | 4                     |
| 8.0                                             | 3580                                             | 174.87                  | 31900                                                        | 1.20                                   | F 97         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 4                     |
| 9.0                                             | 3200                                             | 157.30                  | 32800                                                        | 1.35                                   |              |                       |
| 9.9                                             | 2880                                             | 140.71                  | 33600                                                        | 1.50                                   | FA 97        | 4                     |
| 11                                              | 2610                                             | 127.42                  | 34200                                                        | 1.65                                   | FAF 97       | 4                     |
| 12                                              | 2310                                             | 112.99                  | 24800                                                        | 1.85                                   | F 97         | 4                     |
| 14                                              | 2090                                             | 102.16                  | 35200                                                        | 2.1                                    | FF 97        | 4                     |
| 16                                              | 1840                                             | 89.85                   | 35700                                                        | 2.3                                    |              |                       |
| 10                                              | 2750                                             | 134.16                  | 23900                                                        | 1.10                                   | FA 87        | 4                     |
| 11                                              | 2520                                             | 123.29                  | 24700                                                        | 1.20                                   | FAF 87       | 4                     |
| 13                                              | 2240                                             | 109.49                  | 25700                                                        | 1.35                                   | F 87         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87        | 4                     |
| 14                                              | 2000                                             | 97.89                   | 26400                                                        | 1.50                                   |              |                       |
| 16                                              | 1800                                             | 88.01                   | 26900                                                        | 1.65                                   | FA 87        | 4                     |
| 18                                              | 1560                                             | 76.39                   | 26300                                                        | 1.90                                   | FAF 87       | 4                     |
| 20                                              | 1400                                             | 68.40                   | 25700                                                        | 2.1                                    | F 87         | 4                     |
| 25                                              | 1160                                             | 56.75                   | 24800                                                        | 2.6                                    | FF 87        | 4                     |
| 28                                              | 1030                                             | 50.36                   | 24100                                                        | 2.8                                    |              |                       |
| 16                                              | 1750                                             | 85.52                   | 13800                                                        | 0.85                                   | FA 77        | 4                     |
| 19                                              | 1540                                             | 75.02                   | 15500                                                        | 1.00                                   | FAF 77       | 4                     |
| 21                                              | 1360                                             | 66.46                   | 16600                                                        | 1.10                                   | F 77         | 4                     |
| 24                                              | 1190                                             | 58.32                   | 17500                                                        | 1.25                                   | FF 77        | 4                     |
| 25                                              | 1130                                             | 55.27                   | 17800                                                        | 1.35                                   | FA 77        | 4                     |
| 29                                              | 990                                              | 48.37                   | 18300                                                        | 1.50                                   | FAF 77       | 4                     |
| 32                                              | 890                                              | 43.58                   | 18700                                                        | 1.70                                   | F 77         | 4                     |
| 37                                              | 780                                              | 38.23                   | 19000                                                        | 1.90                                   | FF 77        | 4                     |
| 38                                              | 750                                              | 36.58                   | 19100                                                        | 1.50                                   |              |                       |
| 44                                              | 645                                              | 31.51                   | 19400                                                        | 2.1                                    | FA 77        | 4                     |
| 49                                              | 590                                              | 28.75                   | 19500                                                        | 2.4                                    | FAF 77       | 4                     |
| 55                                              | 520                                              | 25.50                   | 19700                                                        | 2.9                                    | F 77         | 4                     |
| 65                                              | 440                                              | 21.43                   | 19800                                                        | 3.4                                    | FF 77        | 4                     |
| 32                                              | 880                                              | 43.20                   | 9690                                                         | 0.95                                   | FA 67        | 4                     |
| 36                                              | 800                                              | 39.26                   | 10500                                                        | 0.95                                   | FAF 67       | 4                     |
| 41                                              | 695                                              | 34.01                   | 11300                                                        | 1.05                                   | F 67         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 67        | 4                     |
| 44                                              | 655                                              | 32.08                   | 11600                                                        | 1.25                                   |              |                       |
| 51                                              | 560                                              | 27.41                   | 12100                                                        | 1.45                                   |              |                       |
| 56                                              | 515                                              | 25.13                   | 12300                                                        | 1.60                                   | FA 67        | 4                     |
| 63                                              | 450                                              | 22.05                   | 12600                                                        | 1.80                                   | FAF 67       | 4                     |
| 67                                              | 430                                              | 20.90                   | 12700                                                        | 1.90                                   | F 67         | 4                     |
| 77                                              | 375                                              | 18.29                   | 12900                                                        | 2.2                                    | FF 67        | 4                     |
| 85                                              | 335                                              | 16.48                   | 13000                                                        | 2.4                                    |              |                       |
| 97                                              | 295                                              | 14.46                   | 13000                                                        | 2.8                                    |              |                       |
| 56                                              | 510                                              | 24.96                   | 7440                                                         | 1.15                                   |              |                       |
| 66                                              | 435                                              | 21.17                   | 7340                                                         | 1.40                                   |              |                       |
| 73                                              | 390                                              | 19.11                   | 7260                                                         | 1.55                                   | FA 57        | 4                     |
| 83                                              | 345                                              | 16.81                   | 7140                                                         | 1.75                                   | FAF 57       | 4                     |
| 88                                              | 325                                              | 15.88                   | 7080                                                         | 1.85                                   | F 57         | 4                     |
| 104                                             | 275                                              | 13.52                   | 6890                                                         | 2.2                                    | FF 57        | 4                     |
| 114                                             | 250                                              | 12.29                   | 6780                                                         | 2.4                                    |              |                       |
| 132                                             | 220                                              | 10.64                   | 6590                                                         | 2.8                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>3.0kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 71                                              | 405                                              | 19.70                   | 4750                                                         | 1.00                                   |              |                       |
| 81                                              | 355                                              | 17.33                   | 4760                                                         | 1.15                                   |              |                       |
| 86                                              | 335                                              | 16.36                   | 4760                                                         | 1.20                                   | FA 47        | 4                     |
| 100                                             | 285                                              | 13.93                   | 4740                                                         | 1.40                                   | FAF 47       | 4                     |
| 111                                             | 260                                              | 12.66                   | 4700                                                         | 1.55                                   | F 47         | 4                     |
| 128                                             | 225                                              | 10.97                   | 4640                                                         | 1.80                                   | FF 47        | 4                     |
| 156                                             | 183                                              | 8.96                    | 4370                                                         | 1.80                                   |              |                       |
| 126                                             | 225                                              | 11.08                   | 2320                                                         | 0.85                                   |              |                       |
| 134                                             | 215                                              | 10.42                   | 2350                                                         | 0.85                                   |              |                       |
| 156                                             | 184                                              | 8.97                    | 2390                                                         | 0.95                                   |              |                       |
| 175                                             | 164                                              | 8.01                    | 2410                                                         | 1.05                                   | FA 37        | 4                     |
| 208                                             | 138                                              | 6.74                    | 2290                                                         | 1.00                                   | FAF 37       | 4                     |
| 231                                             | 124                                              | 6.05                    | 2300                                                         | 1.10                                   | F 37         | 4                     |
| 269                                             | 107                                              | 5.21                    | 2290                                                         | 1.15                                   | FF 37        | 4                     |
| 286                                             | 100                                              | 4.90                    | 2280                                                         | 1.20                                   |              |                       |
| 332                                             | 86                                               | 4.22                    | 2250                                                         | 1.25                                   |              |                       |
| 372                                             | 77                                               | 3.77                    | 2220                                                         | 1.35                                   |              |                       |
| <b>4.0kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 1.7                                             | 20600                                            | 845                     | 91500                                                        | 0.85                                   |              |                       |
| 1.9                                             | 18600                                            | 764                     | 98300                                                        | 0.95                                   |              |                       |
| 2.1                                             | 16600                                            | 680                     | 104200                                                       | 1.10                                   | FA 157 R97   | 4                     |
| 2.5                                             | 14000                                            | 576                     | 110300                                                       | 1.30                                   | FAF 157 R97  | 4                     |
| 3.2                                             | 10900                                            | 446                     | 115900                                                       | 1.65                                   | F 157 R97    | 4                     |
| 4.7                                             | 7390                                             | 302                     | 120000                                                       | 2.4                                    | FF 157 R97   | 4                     |
| 5.2                                             | 6670                                             | 273                     | 120000                                                       | 2.7                                    |              |                       |
| 6.1                                             | 5640                                             | 232                     | 120000                                                       | 3.2                                    |              |                       |
| 7.2                                             | 4780                                             | 197                     | 120000                                                       | 3.8                                    |              |                       |
| 2.6                                             | 13600                                            | 549                     | 87400                                                        | 0.90                                   | FA 127 R97   | 4                     |
| 2.9                                             | 12200                                            | 495                     | 90000                                                        | 1.00                                   | FAF 127 R77  | 4                     |
| 3.3                                             | 10600                                            | 428                     | 90000                                                        | 1.15                                   | F 127 R77    | 4                     |
| 3.8                                             | 9270                                             | 376                     | 90000                                                        | 1.30                                   | FF 127 R77   | 4                     |
| 4.3                                             | 8230                                             | 333                     | 48300                                                        | 0.95                                   | FA 107 R97   | 4                     |
| 4.9                                             | 7190                                             | 291                     | 51100                                                        | 1.05                                   | FAF 107 R77  | 4                     |
| 5.6                                             | 6310                                             | 255                     | 53300                                                        | 1.20                                   | F 107 R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107 R77   | 4                     |
| 4.2                                             | 9060                                             | 170.83                  | 90000                                                        | 1.30                                   | FA 107 R97   | 4                     |
| 4.7                                             | 8150                                             | 153.67                  | 90000                                                        | 1.45                                   | FAF 107 R77  | 4                     |
| 5.7                                             | 6650                                             | 125.37                  | 90000                                                        | 1.80                                   | F 107 R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107 R77   | 4                     |
| 5.6                                             | 6840                                             | 254.40                  | 52000                                                        | 1.10                                   |              |                       |
| 6.6                                             | 5790                                             | 215.37                  | 54500                                                        | 1.35                                   |              |                       |
| 7.1                                             | 5360                                             | 199.31                  | 55500                                                        | 1.45                                   | FA 107       | 4                     |
| 7.9                                             | 4810                                             | 178.64                  | 56700                                                        | 1.60                                   | FAF 107      | 4                     |
| 8.8                                             | 4340                                             | 161.28                  | 57700                                                        | 1.75                                   | F 107        | 4                     |
| 9.7                                             | 3940                                             | 146.49                  | 58500                                                        | 1.95                                   | FF 107       | 4                     |
| 11                                              | 3500                                             | 129.97                  | 59400                                                        | 2.2                                    |              |                       |
| 12                                              | 3170                                             | 117.94                  | 60100                                                        | 2.4                                    |              |                       |
| 14                                              | 2730                                             | 101.38                  | 60900                                                        | 2.8                                    |              |                       |
| 8.1                                             | 4700                                             | 174.87                  | 26600                                                        | 0.90                                   | FA 97        | 4                     |
| 9.1                                             | 4200                                             | 156.30                  | 30200                                                        | 1.00                                   | FAF 97       | 4                     |
| 10                                              | 3780                                             | 140.71                  | 31400                                                        | 1.15                                   | F 97         | 4                     |
| 11                                              | 3430                                             | 127.42                  | 32300                                                        | 1.25                                   | FF 97        | 4                     |
| 13                                              | 3040                                             | 112.99                  | 33200                                                        | 1.40                                   |              |                       |
| 14                                              | 2750                                             | 102.16                  | 33900                                                        | 1.55                                   | FA 97        | 4                     |
| 15                                              | 2620                                             | 97.58                   | 34100                                                        | 1.65                                   | FAF 97       | 4                     |
| 16                                              | 2420                                             | 89.85                   | 34600                                                        | 1.80                                   | F 97         | 4                     |
| 18                                              | 2160                                             | 80.31                   | 35100                                                        | 2.0                                    | FF 97        | 4                     |
| 20                                              | 1940                                             | 72.29                   | 35500                                                        | 2.2                                    |              |                       |
| 22                                              | 1760                                             | 65.47                   | 35800                                                        | 2.4                                    |              |                       |
| 13                                              | 2950                                             | 109.49                  | 21700                                                        | 1.00                                   | FA 87        | 4                     |
| 15                                              | 2630                                             | 97.89                   | 24300                                                        | 1.15                                   | FAF 87       | 4                     |
| 16                                              | 2370                                             | 88.01                   | 24600                                                        | 1.25                                   | F 87         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87        | 4                     |
| 19                                              | 2050                                             | 76.39                   | 24200                                                        | 1.45                                   | FA 87        | 4                     |
| 21                                              | 1840                                             | 68.40                   | 23900                                                        | 1.65                                   | FAF 87       | 4                     |
| 25                                              | 1530                                             | 56.75                   | 23200                                                        | 1.95                                   | F 87         | 4                     |
| 28                                              | 1350                                             | 50.36                   | 22800                                                        | 2.2                                    | FF 87        | 4                     |
| 31                                              | 1220                                             | 45.28                   | 22300                                                        | 2.3                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>4.0kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 21                                              | 1790                                             | 66.46                 | 13400                                                        | 0.85                                   | FA 77        | 4                     |
| 24                                              | 1570                                             | 58.32                 | 15200                                                        | 0.95                                   | FAF 77       | 4                     |
| 26                                              | 1490                                             | 55.27                 | 15800                                                        | 1.00                                   | F 77         | 4                     |
| 29                                              | 1300                                             | 48.37                 | 16900                                                        | 1.15                                   | FF 77        | 4                     |
| 33                                              | 1170                                             | 43.58                 | 17600                                                        | 1.30                                   | FA 77        | 4                     |
| 37                                              | 1030                                             | 38.23                 | 18200                                                        | 1.45                                   | FAF 77       | 4                     |
| 42                                              | 910                                              | 33.74                 | 18600                                                        | 1.65                                   | F 77         | 4                     |
| 47                                              | 800                                              | 29.91                 | 19000                                                        | 1.85                                   | FF 77        | 4                     |
| 56                                              | 685                                              | 25.54                 | 19300                                                        | 2.1                                    |              |                       |
| 45                                              | 850                                              | 31.51                 | 18800                                                        | 1.65                                   | FA 77        | 4                     |
| 49                                              | 775                                              | 28.75                 | 19100                                                        | 1.85                                   | FAF 77       | 4                     |
| 56                                              | 685                                              | 25.50                 | 19300                                                        | 2.2                                    | F 77         | 4                     |
| 66                                              | 575                                              | 21.43                 | 19500                                                        | 2.6                                    | FF 77        | 4                     |
| 72                                              | 530                                              | 19.70                 | 19600                                                        | 2.8                                    |              |                       |
| 52                                              | 735                                              | 27.41                 | 11000                                                        | 1.10                                   |              |                       |
| 57                                              | 675                                              | 25.13                 | 11400                                                        | 1.20                                   |              |                       |
| 64                                              | 595                                              | 22.05                 | 11900                                                        | 1.40                                   |              |                       |
| 68                                              | 560                                              | 20.90                 | 12100                                                        | 1.45                                   |              |                       |
| 78                                              | 490                                              | 18.29                 | 12400                                                        | 1.65                                   |              |                       |
| 86                                              | 445                                              | 16.48                 | 12700                                                        | 1.85                                   |              |                       |
| 98                                              | 390                                              | 14.46                 | 12900                                                        | 2.1                                    |              |                       |
| 111                                             | 345                                              | 12.76                 | 13000                                                        | 2.4                                    | FA 67        | 4                     |
| 126                                             | 305                                              | 11.31                 | 13000                                                        | 2.7                                    | FAF 67       | 4                     |
| 147                                             | 260                                              | 9.66                  | 13000                                                        | 3.2                                    | F 67         | 4                     |
| 156                                             | 245                                              | 9.08                  | 13000                                                        | 2.2                                    | FF 67        | 4                     |
| 165                                             | 230                                              | 8.60                  | 12800                                                        | 2.5                                    |              |                       |
| 189                                             | 205                                              | 7.53                  | 12400                                                        | 3.0                                    |              |                       |
| 209                                             | 183                                              | 6.78                  | 12100                                                        | 3.4                                    |              |                       |
| 239                                             | 160                                              | 5.95                  | 11700                                                        | 3.8                                    |              |                       |
| 270                                             | 141                                              | 5.25                  | 11400                                                        | 4.2                                    |              |                       |
| 305                                             | 125                                              | 4.66                  | 11000                                                        | 4.5                                    |              |                       |
| 357                                             | 107                                              | 3.97                  | 10600                                                        | 4.7                                    |              |                       |
| 67                                              | 570                                              | 21.17                 | 6490                                                         | 1.05                                   |              |                       |
| 74                                              | 515                                              | 19.11                 | 6490                                                         | 1.15                                   |              |                       |
| 84                                              | 450                                              | 16.81                 | 6450                                                         | 1.35                                   |              |                       |
| 89                                              | 425                                              | 15.88                 | 6430                                                         | 1.40                                   |              |                       |
| 105                                             | 365                                              | 13.52                 | 6340                                                         | 1.65                                   |              |                       |
| 116                                             | 330                                              | 12.29                 | 6270                                                         | 1.80                                   | FA 57        | 4                     |
| 133                                             | 285                                              | 10.64                 | 6150                                                         | 2.1                                    | FAF 57       | 4                     |
| 153                                             | 250                                              | 9.31                  | 5850                                                         | 1.70                                   | F 57         | 4                     |
| 173                                             | 220                                              | 8.19                  | 5730                                                         | 1.90                                   | FF 57        | 4                     |
| 184                                             | 210                                              | 7.73                  | 5680                                                         | 2.0                                    |              |                       |
| 216                                             | 177                                              | 6.58                  | 5510                                                         | 2.4                                    |              |                       |
| 237                                             | 161                                              | 5.98                  | 5410                                                         | 4.6                                    |              |                       |
| 274                                             | 139                                              | 5.18                  | 5250                                                         | 3.0                                    |              |                       |
| <b>5.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 2.5                                             | 19300                                            | 576                   | 96300                                                        | 0.95                                   |              |                       |
| 2.8                                             | 16800                                            | 503                   | 103600                                                       | 1.05                                   |              |                       |
| 3.2                                             | 15000                                            | 446                   | 108200                                                       | 1.20                                   |              |                       |
| 4.1                                             | 11800                                            | 353                   | 114500                                                       | 1.55                                   | FA 157 R97   | 4                     |
| 4.7                                             | 10100                                            | 302                   | 117100                                                       | 1.80                                   | FAF 157 R97  | 4                     |
| 5.2                                             | 9160                                             | 273                   | 118400                                                       | 1.95                                   | F 157 R97    | 4                     |
| 6.2                                             | 7750                                             | 232                   | 120000                                                       | 2.3                                    | FF 157 R97   | 4                     |
| 7.1                                             | 6750                                             | 202                   | 120000                                                       | 2.7                                    |              |                       |
| 7.3                                             | 6570                                             | 197                   | 120000                                                       | 2.7                                    |              |                       |
| 3.4                                             | 14000                                            | 418                   | 86500                                                        | 0.85                                   |              |                       |
| 3.8                                             | 12600                                            | 374                   | 89400                                                        | 0.95                                   | FA 127 R87   | 4                     |
| 4.6                                             | 10500                                            | 312                   | 90000                                                        | 1.15                                   | FAF 127 R87  | 4                     |
| 4.9                                             | 9840                                             | 293                   | 90000                                                        | 1.20                                   | F 127 R87    | 4                     |
| 5.5                                             | 8680                                             | 259                   | 90000                                                        | 1.40                                   | FF 127 R87   | 4                     |
| 6.4                                             | 7500                                             | 223                   | 90000                                                        | 1.60                                   |              |                       |
| 3.3                                             | 14500                                            | 428                   | 85600                                                        | 0.85                                   | FA 127 R77   | 4                     |
| 3.8                                             | 12700                                            | 376                   | 89100                                                        | 0.95                                   | FAF 127 R77  | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | F 127 R77    | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 127 R77   | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>5.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 2.7                                             | 19800                                            | 267.43                | 94600                                                        | 0.90                                   |              |                       |
| 3.3                                             | 16100                                            | 217.62                | 105500                                                       | 1.10                                   |              |                       |
| 4.0                                             | 13200                                            | 178.20                | 111900                                                       | 1.35                                   |              |                       |
| 4.4                                             | 12100                                            | 162.96                | 114000                                                       | 1.50                                   |              |                       |
| 5.0                                             | 10500                                            | 141.80                | 116600                                                       | 1.70                                   |              |                       |
| 5.7                                             | 9260                                             | 125.14                | 118300                                                       | 1.95                                   | FA 157       | 8                     |
| 6.5                                             | 8030                                             | 108.49                | 119700                                                       | 2.2                                    | FAF 157      | 8                     |
| 7.4                                             | 7140                                             | 96.53                 | 120000                                                       | 2.5                                    | F 157        | 8                     |
| 8.3                                             | 6350                                             | 85.80                 | 120000                                                       | 2.8                                    | FF 157       | 8                     |
| 9.1                                             | 5800                                             | 78.46                 | 120000                                                       | 3.1                                    |              |                       |
| 10                                              | 5050                                             | 68.28                 | 120000                                                       | 3.6                                    |              |                       |
| 4.2                                             | 12600                                            | 170.83                | 89200                                                        | 0.95                                   | FA 127       | 8                     |
| 4.6                                             | 11400                                            | 153.67                | 90000                                                        | 1.05                                   | FAF 127      | 8                     |
| 5.7                                             | 9270                                             | 125.37                | 90000                                                        | 1.30                                   | F 127        | 8                     |
| 6.2                                             | 8460                                             | 114.34                | 90000                                                        | 1.40                                   | FF 127       | 8                     |
| 6.6                                             | 7910                                             | 215.37                | 49200                                                        | 0.95                                   | FA 107       | 4                     |
| 7.2                                             | 7320                                             | 199.31                | 50800                                                        | 1.05                                   | FAF 107      | 4                     |
| 8.0                                             | 6560                                             | 178.64                | 52700                                                        | 1.15                                   | F 107        | 4                     |
| 8.9                                             | 5920                                             | 161.28                | 54200                                                        | 1.30                                   | FF 107       | 4                     |
| 9.8                                             | 5380                                             | 146.49                | 55500                                                        | 1.45                                   |              |                       |
| 11                                              | 4770                                             | 129.97                | 56800                                                        | 1.60                                   | FA 107       | 4                     |
| 12                                              | 4330                                             | 117.94                | 57700                                                        | 1.75                                   | FAF 107      | 4                     |
| 14                                              | 3720                                             | 101.38                | 59000                                                        | 2.1                                    | F 107        | 4                     |
| 15                                              | 3400                                             | 92.47                 | 59600                                                        | 2.3                                    | FF 107       | 4                     |
| 16                                              | 3250                                             | 88.49                 | 59900                                                        | 2.4                                    |              |                       |
| 17                                              | 3080                                             | 83.99                 | 60200                                                        | 2.5                                    |              |                       |
| 11                                              | 4680                                             | 127.42                | 27400                                                        | 0.90                                   | FA 97        | 4                     |
| 13                                              | 4150                                             | 112.99                | 30300                                                        | 1.05                                   | FAF 97       | 4                     |
| 14                                              | 3750                                             | 102.16                | 31400                                                        | 1.15                                   | F 97         | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 97        | 4                     |
| 15                                              | 3580                                             | 97.58                 | 31900                                                        | 1.20                                   |              |                       |
| 16                                              | 3300                                             | 89.85                 | 32600                                                        | 1.30                                   |              |                       |
| 17                                              | 3180                                             | 86.59                 | 32900                                                        | 1.35                                   |              |                       |
| 18                                              | 2950                                             | 80.31                 | 33400                                                        | 1.45                                   | FA 97        | 4                     |
| 19                                              | 2780                                             | 75.63                 | 33800                                                        | 1.55                                   | FAF 97       | 4                     |
| 20                                              | 2660                                             | 72.29                 | 34100                                                        | 1.60                                   | F 97         | 4                     |
| 22                                              | 2400                                             | 65.47                 | 34600                                                        | 1.80                                   | FF 97        | 4                     |
| 25                                              | 2130                                             | 58.06                 | 34500                                                        | 2.0                                    |              |                       |
| 27                                              | 1930                                             | 52.49                 | 33900                                                        | 2.2                                    |              |                       |
| 16                                              | 3230                                             | 88.01                 | 5760                                                         | 0.95                                   | FA 87        | 4                     |
| 19                                              | 2810                                             | 76.39                 | 21200                                                        | 1.05                                   | FAF 87       | 4                     |
| 21                                              | 2510                                             | 68.40                 | 21200                                                        | 1.20                                   | F 87         | 4                     |
| 25                                              | 2080                                             | 56.75                 | 21000                                                        | 1.45                                   | FF 87        | 4                     |
| 28                                              | 1850                                             | 50.36                 | 20800                                                        | 1.60                                   |              |                       |
| 32                                              | 1660                                             | 45.28                 | 20500                                                        | 1.70                                   | FA 87        | 4                     |
| 36                                              | 1440                                             | 39.30                 | 20100                                                        | 1.90                                   | FAF 87       | 4                     |
| 41                                              | 1290                                             | 35.19                 | 19800                                                        | 2.0                                    | F 87         | 4                     |
| 49                                              | 1070                                             | 29.20                 | 19100                                                        | 2.3                                    | FF 87        | 4                     |
| 42                                              | 1250                                             | 33.92                 | 19700                                                        | 2.1                                    | FA 87        | 4                     |
| 50                                              | 1060                                             | 28.78                 | 19100                                                        | 2.3                                    | FAF 87       | 4                     |
| 54                                              | 970                                              | 26.50                 | 18800                                                        | 3.1                                    | F 87         | 4                     |
| 60                                              | 870                                              | 23.68                 | 18400                                                        | 3.5                                    | FF 87        | 4                     |
| 30                                              | 1780                                             | 48.37                 | 13500                                                        | 0.85                                   |              |                       |
| 33                                              | 1600                                             | 43.58                 | 15000                                                        | 0.95                                   |              |                       |
| 37                                              | 1400                                             | 38.23                 | 16300                                                        | 1.05                                   | FA 77        | 4                     |
| 42                                              | 1240                                             | 33.74                 | 17300                                                        | 1.20                                   | FAF 77       | 4                     |
| 48                                              | 1100                                             | 29.91                 | 17900                                                        | 1.35                                   | F 77         | 4                     |
| 56                                              | 940                                              | 25.54                 | 18500                                                        | 1.55                                   | FF 77        | 4                     |
| 56                                              | 940                                              | 25.5                  | 18500                                                        | 1.60                                   |              |                       |
| 67                                              | 785                                              | 21.43                 | 19000                                                        | 1.90                                   |              |                       |
| 73                                              | 725                                              | 19.70                 | 19200                                                        | 2.1                                    | FA 77        | 4                     |
| 82                                              | 645                                              | 17.49                 | 19400                                                        | 2.3                                    | FAF 77       | 4                     |
| 91                                              | 575                                              | 15.64                 | 19600                                                        | 2.6                                    | F 77         | 4                     |
| 102                                             | 515                                              | 14.06                 | 19300                                                        | 2.9                                    | FF 77        | 4                     |
| 117                                             | 450                                              | 12.20                 | 18600                                                        | 3.3                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>3.0kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 3.7                                             | 7750                                             | 245.40                  | 49600                                                        | 1.00                                   | FA 107       | 6                     |
| 4.4                                             | 6560                                             | 215.37                  | 52700                                                        | 1.15                                   | FAF 107      | 6                     |
| 4.7                                             | 6070                                             | 199.31                  | 53900                                                        | 1.25                                   | F 107        | 6                     |
| 5.3                                             | 5440                                             | 178.64                  | 55300                                                        | 1.40                                   | FF 107       | 6                     |
| 5.5                                             | 5210                                             | 254.40                  | 55900                                                        | 1.50                                   | FA 107       | 4                     |
| 6.5                                             | 4410                                             | 215.37                  | 57600                                                        | 1.75                                   | FAF 107      | 4                     |
| 7.0                                             | 4080                                             | 199.31                  | 58300                                                        | 1.90                                   | F 107        | 4                     |
| 7.8                                             | 3660                                             | 178.64                  | 59100                                                        | 2.1                                    | FF 107       | 4                     |
| 8.7                                             | 3300                                             | 161.28                  | 59800                                                        | 2.3                                    |              |                       |
| 6.2                                             | 4580                                             | 223.88                  | 29000                                                        | 0.95                                   | FA 97        | 4                     |
| 7.4                                             | 3890                                             | 189.92                  | 31100                                                        | 1.10                                   | FAF 97       | 4                     |
| 8.0                                             | 3580                                             | 174.87                  | 31900                                                        | 1.20                                   | F 97         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 4                     |
| 9.0                                             | 3200                                             | 157.30                  | 32800                                                        | 1.35                                   | FA 97        | 4                     |
| 9.9                                             | 2880                                             | 140.71                  | 33600                                                        | 1.50                                   | FAF 97       | 4                     |
| 11                                              | 2610                                             | 127.42                  | 34200                                                        | 1.65                                   | F 97         | 4                     |
| 12                                              | 2310                                             | 112.99                  | 24800                                                        | 1.85                                   | FF 97        | 4                     |
| 14                                              | 2090                                             | 102.16                  | 35200                                                        | 2.1                                    |              |                       |
| 16                                              | 1840                                             | 89.85                   | 35700                                                        | 2.3                                    |              |                       |
| 10                                              | 2750                                             | 134.16                  | 23900                                                        | 1.10                                   | FA 87        | 4                     |
| 11                                              | 2520                                             | 123.29                  | 24700                                                        | 1.20                                   | FAF 87       | 4                     |
| 13                                              | 2240                                             | 109.49                  | 25700                                                        | 1.35                                   | F 87         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87        | 4                     |
| 14                                              | 2000                                             | 97.89                   | 26400                                                        | 1.50                                   | FA 87        | 4                     |
| 16                                              | 1800                                             | 88.01                   | 26900                                                        | 1.65                                   | FAF 87       | 4                     |
| 18                                              | 1560                                             | 76.39                   | 26300                                                        | 1.90                                   | F 87         | 4                     |
| 20                                              | 1400                                             | 68.40                   | 25700                                                        | 2.1                                    | FF 87        | 4                     |
| 25                                              | 1160                                             | 56.75                   | 24800                                                        | 2.6                                    |              |                       |
| 28                                              | 1030                                             | 50.36                   | 24100                                                        | 2.8                                    |              |                       |
| 16                                              | 1750                                             | 85.52                   | 13800                                                        | 0.85                                   | FA 77        | 4                     |
| 19                                              | 1540                                             | 75.02                   | 15500                                                        | 1.00                                   | FAF 77       | 4                     |
| 21                                              | 1360                                             | 66.46                   | 16600                                                        | 1.10                                   | F 77         | 4                     |
| 24                                              | 1190                                             | 58.32                   | 17500                                                        | 1.25                                   | FF 77        | 4                     |
| 25                                              | 1130                                             | 55.27                   | 17800                                                        | 1.35                                   | FA 77        | 4                     |
| 29                                              | 990                                              | 48.37                   | 18300                                                        | 1.50                                   | FAF 77       | 4                     |
| 32                                              | 890                                              | 43.58                   | 18700                                                        | 1.70                                   | F 77         | 4                     |
| 37                                              | 780                                              | 38.23                   | 19000                                                        | 1.90                                   | FF 77        | 4                     |
| 38                                              | 750                                              | 36.58                   | 19100                                                        | 1.50                                   | FA 77        | 4                     |
| 44                                              | 645                                              | 31.51                   | 19400                                                        | 2.1                                    | FAF 77       | 4                     |
| 49                                              | 590                                              | 28.75                   | 19500                                                        | 2.4                                    | F 77         | 4                     |
| 55                                              | 520                                              | 25.50                   | 19700                                                        | 2.9                                    | FF 77        | 4                     |
| 65                                              | 440                                              | 21.43                   | 19800                                                        | 3.4                                    |              |                       |
| 32                                              | 880                                              | 43.20                   | 9690                                                         | 0.95                                   | FA 67        | 4                     |
| 36                                              | 800                                              | 39.26                   | 10500                                                        | 0.95                                   | FAF 67       | 4                     |
| 41                                              | 695                                              | 34.01                   | 11300                                                        | 1.05                                   | F 67         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 67        | 4                     |
| 44                                              | 655                                              | 32.08                   | 11600                                                        | 1.25                                   |              |                       |
| 51                                              | 560                                              | 27.41                   | 12100                                                        | 1.45                                   | FA 67        | 4                     |
| 56                                              | 515                                              | 25.13                   | 12300                                                        | 1.60                                   | FAF 67       | 4                     |
| 63                                              | 450                                              | 22.05                   | 12600                                                        | 1.80                                   | F 67         | 4                     |
| 67                                              | 430                                              | 20.90                   | 12700                                                        | 1.90                                   | FF 67        | 4                     |
| 77                                              | 375                                              | 18.29                   | 12900                                                        | 2.2                                    |              |                       |
| 85                                              | 335                                              | 16.48                   | 13000                                                        | 2.4                                    |              |                       |
| 97                                              | 295                                              | 14.46                   | 13000                                                        | 2.8                                    |              |                       |
| 56                                              | 510                                              | 24.96                   | 7440                                                         | 1.15                                   |              |                       |
| 66                                              | 435                                              | 21.17                   | 7340                                                         | 1.40                                   | FA 57        | 4                     |
| 73                                              | 390                                              | 19.11                   | 7260                                                         | 1.55                                   | FAF 57       | 4                     |
| 83                                              | 345                                              | 16.81                   | 7140                                                         | 1.75                                   | F 57         | 4                     |
| 88                                              | 325                                              | 15.88                   | 7080                                                         | 1.85                                   | FF 57        | 4                     |
| 104                                             | 275                                              | 13.52                   | 6890                                                         | 2.2                                    |              |                       |
| 114                                             | 250                                              | 12.29                   | 6780                                                         | 2.4                                    |              |                       |
| 132                                             | 220                                              | 10.64                   | 6590                                                         | 2.8                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>3.0kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 71                                              | 405                                              | 19.70                   | 4750                                                         | 1.00                                   |              |                       |
| 81                                              | 355                                              | 17.33                   | 4760                                                         | 1.15                                   | FA 47        | 4                     |
| 86                                              | 335                                              | 16.36                   | 4760                                                         | 1.20                                   | FAF 47       | 4                     |
| 100                                             | 285                                              | 13.93                   | 4740                                                         | 1.40                                   | F 47         | 4                     |
| 111                                             | 260                                              | 12.66                   | 4700                                                         | 1.55                                   | FF 47        | 4                     |
| 128                                             | 225                                              | 10.97                   | 4640                                                         | 1.80                                   |              |                       |
| 156                                             | 183                                              | 8.96                    | 4370                                                         | 1.80                                   |              |                       |
| 126                                             | 225                                              | 11.08                   | 2320                                                         | 0.85                                   |              |                       |
| 134                                             | 215                                              | 10.42                   | 2350                                                         | 0.85                                   |              |                       |
| 156                                             | 184                                              | 8.97                    | 2390                                                         | 0.95                                   |              |                       |
| 175                                             | 164                                              | 8.01                    | 2410                                                         | 1.05                                   | FA 37        | 4                     |
| 208                                             | 138                                              | 6.74                    | 2290                                                         | 1.00                                   | FAF 37       | 4                     |
| 231                                             | 124                                              | 6.05                    | 2300                                                         | 1.10                                   | F 37         | 4                     |
| 269                                             | 107                                              | 5.21                    | 2290                                                         | 1.15                                   | FF 37        | 4                     |
| 286                                             | 100                                              | 4.90                    | 2280                                                         | 1.20                                   |              |                       |
| 332                                             | 86                                               | 4.22                    | 2250                                                         | 1.25                                   |              |                       |
| 372                                             | 77                                               | 3.77                    | 2220                                                         | 1.35                                   |              |                       |
| <b>4.0kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 1.7                                             | 20600                                            | 845                     | 91500                                                        | 0.85                                   |              |                       |
| 1.9                                             | 18600                                            | 764                     | 98300                                                        | 0.95                                   |              |                       |
| 2.1                                             | 16600                                            | 680                     | 104200                                                       | 1.10                                   | FA 157 R97   | 4                     |
| 2.5                                             | 14000                                            | 576                     | 110300                                                       | 1.30                                   | FAF 157 R97  | 4                     |
| 3.2                                             | 10900                                            | 446                     | 115900                                                       | 1.65                                   | F 157 R97    | 4                     |
| 4.7                                             | 7390                                             | 302                     | 120000                                                       | 2.4                                    | FF 157 R97   | 4                     |
| 5.2                                             | 6670                                             | 273                     | 120000                                                       | 2.7                                    |              |                       |
| 6.1                                             | 5640                                             | 232                     | 120000                                                       | 3.2                                    |              |                       |
| 7.2                                             | 4780                                             | 197                     | 120000                                                       | 3.8                                    |              |                       |
| 2.6                                             | 13600                                            | 549                     | 87400                                                        | 0.90                                   | FA 127 R97   | 4                     |
| 2.9                                             | 12200                                            | 495                     | 90000                                                        | 1.00                                   | FAF 127 R77  | 4                     |
| 3.3                                             | 10600                                            | 428                     | 90000                                                        | 1.15                                   | F 127 R77    | 4                     |
| 3.8                                             | 9270                                             | 376                     | 90000                                                        | 1.30                                   | FF 127 R77   | 4                     |
| 4.3                                             | 8230                                             | 333                     | 48300                                                        | 0.95                                   | FA 107 R97   | 4                     |
| 4.9                                             | 7190                                             | 291                     | 51100                                                        | 1.05                                   | FAF 107 R77  | 4                     |
| 5.6                                             | 6310                                             | 255                     | 53300                                                        | 1.20                                   | F 107 R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107 R77   | 4                     |
| 4.2                                             | 9060                                             | 170.83                  | 90000                                                        | 1.30                                   | FA 107 R97   | 4                     |
| 4.7                                             | 8150                                             | 153.67                  | 90000                                                        | 1.45                                   | FAF 107 R77  | 4                     |
| 5.7                                             | 6650                                             | 125.37                  | 90000                                                        | 1.80                                   | F 107 R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107 R77   | 4                     |
| 5.6                                             | 6840                                             | 254.40                  | 52000                                                        | 1.10                                   |              |                       |
| 6.6                                             | 5790                                             | 215.37                  | 54500                                                        | 1.35                                   |              |                       |
| 7.1                                             | 5360                                             | 199.31                  | 55500                                                        | 1.45                                   | FA 107       | 4                     |
| 7.9                                             | 4810                                             | 178.64                  | 56700                                                        | 1.60                                   | FAF 107      | 4                     |
| 8.8                                             | 4340                                             | 161.28                  | 57700                                                        | 1.75                                   | F 107        | 4                     |
| 9.7                                             | 3940                                             | 146.49                  | 58500                                                        | 1.95                                   | FF 107       | 4                     |
| 11                                              | 3500                                             | 129.97                  | 59400                                                        | 2.2                                    |              |                       |
| 12                                              | 3170                                             | 117.94                  | 60100                                                        | 2.4                                    |              |                       |
| 14                                              | 2730                                             | 101.38                  | 60900                                                        | 2.8                                    |              |                       |
| 8.1                                             | 4700                                             | 174.87                  | 26600                                                        | 0.90                                   | FA 97        | 4                     |
| 9.1                                             | 4200                                             | 156.30                  | 30200                                                        | 1.00                                   | FAF 97       | 4                     |
| 10                                              | 3780                                             | 140.71                  | 31400                                                        | 1.15                                   | F 97         | 4                     |
| 11                                              | 3430                                             | 127.42                  | 32300                                                        | 1.25                                   | FF 97        | 4                     |
| 13                                              | 3040                                             | 112.99                  | 33200                                                        | 1.40                                   |              |                       |
| 14                                              | 2750                                             | 102.16                  | 33900                                                        | 1.55                                   | FA 97        | 4                     |
| 15                                              | 2620                                             | 97.58                   | 34100                                                        | 1.65                                   | FAF 97       | 4                     |
| 16                                              | 2420                                             | 89.85                   | 34600                                                        | 1.80                                   | F 97         | 4                     |
| 18                                              | 2160                                             | 80.31                   | 35100                                                        | 2.0                                    | FF 97        | 4                     |
| 20                                              | 1940                                             | 72.29                   | 35500                                                        | 2.2                                    |              |                       |
| 22                                              | 1760                                             | 65.47                   | 35800                                                        | 2.4                                    |              |                       |
| 13                                              | 2950                                             | 109.49                  | 21700                                                        | 1.00                                   | FA 87        | 4                     |
| 15                                              | 2630                                             | 97.89                   | 24300                                                        | 1.15                                   | FAF 87       | 4                     |
| 16                                              | 2370                                             | 88.01                   | 24600                                                        | 1.25                                   | F 87         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87        | 4                     |
| 19                                              | 2050                                             | 76.39                   | 24200                                                        | 1.45                                   | FA 87        | 4                     |
| 21                                              | 1840                                             | 68.40                   | 23900                                                        | 1.65                                   | FAF 87       | 4                     |
| 25                                              | 1530                                             | 56.75                   | 23200                                                        | 1.95                                   | F 87         | 4                     |
| 28                                              | 1350                                             | 50.36                   | 22800                                                        | 2.2                                    | FF 87        | 4                     |
| 31                                              | 1220                                             | 45.28                   | 22300                                                        | 2.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_b$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>9.2kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 4.1                                             | 19700                                          | 353                     | 94800                                                        | 0.90                                   |              |                       |
| 4.8                                             | 16900                                          | 302                     | 103300                                                       | 1.05                                   | FA 157 R97   | 4                     |
| 5.3                                             | 15300                                          | 273                     | 107400                                                       | 1.20                                   | FAF157 R97   | 4                     |
| 6.2                                             | 13000                                          | 232                     | 112400                                                       | 1.40                                   | F 157 R97    | 4                     |
| 7.1                                             | 11300                                          | 202                     | 115300                                                       | 1.60                                   | FF 157 R97   | 4                     |
| 7.3                                             | 11000                                          | 197                     | 115800                                                       | 1.65                                   |              |                       |
| 5.6                                             | 14500                                          | 259                     | 85600                                                        | 0.85                                   | FA 127 R87   | 4                     |
| 6.4                                             | 12500                                          | 223                     | 89400                                                        | 0.95                                   | FAF127 R87   | 4                     |
| 7.3                                             | 11100                                          | 198                     | 90000                                                        | 1.10                                   | F 127 R87    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | FF 127 R87   | 4                     |
| 8.4                                             | 10400                                          | 170.83                  | 90000                                                        | 1.15                                   | FA 127       | 4                     |
| 9.4                                             | 9380                                           | 153.67                  | 90000                                                        | 1.30                                   | FAF 127      | 4                     |
| 11                                              | 7650                                           | 125.37                  | 90000                                                        | 1.55                                   | F 127        | 4                     |
| 13                                              | 6980                                           | 114.34                  | 90000                                                        | 1.70                                   | FF 127       | 4                     |
| 15                                              | 6040                                           | 98.95                   | 90000                                                        | 2.0                                    |              |                       |
| 9.8                                             | 8940                                           | 146.49                  | 46300                                                        | 0.85                                   | FA 107       | 4                     |
| 11                                              | 7930                                           | 129.97                  | 49100                                                        | 0.95                                   | FAF 107      | 4                     |
| 12                                              | 7200                                           | 117.94                  | 51100                                                        | 1.05                                   | F 107        | 4                     |
| 14                                              | 6180                                           | 101.38                  | 53600                                                        | 1.25                                   | FF 107       | 4                     |
| 16                                              | 5640                                           | 92.47                   | 54900                                                        | 1.35                                   |              |                       |
| 17                                              | 5120                                           | 83.99                   | 56000                                                        | 1.50                                   | FA 107       | 4                     |
| 19                                              | 4550                                           | 74.52                   | 57300                                                        | 1.70                                   | FAF 107      | 4                     |
| 21                                              | 4130                                           | 67.62                   | 58200                                                        | 1.85                                   | F 107        | 4                     |
| 25                                              | 3550                                           | 58.12                   | 58300                                                        | 2.2                                    | FF 107       | 4                     |
| 28                                              | 3100                                           | 50.73                   | 56800                                                        | 2.5                                    |              |                       |
| 18                                              | 4900                                           | 80.31                   | 18700                                                        | 0.90                                   | FA 97        | 4                     |
| 19                                              | 4610                                           | 75.63                   | 28900                                                        | 0.95                                   | FAF 97       | 4                     |
| 20                                              | 4410                                           | 72.29                   | 29600                                                        | 0.95                                   | F 97         | 4                     |
| 22                                              | 3990                                           | 65.47                   | 29600                                                        | 1.10                                   | FF 97        | 4                     |
| 25                                              | 3540                                           | 58.06                   | 29500                                                        | 1.20                                   |              |                       |
| 27                                              | 3200                                           | 52.49                   | 29300                                                        | 1.35                                   | FA 97        | 4                     |
| 32                                              | 2710                                           | 44.49                   | 28800                                                        | 1.60                                   | FAF 97       | 4                     |
| 37                                              | 2370                                           | 38.86                   | 28400                                                        | 1.80                                   | F 97         | 4                     |
| 44                                              | 1980                                           | 32.50                   | 27600                                                        | 2.2                                    | FF 97        | 4                     |
| 42                                              | 2070                                           | 33.91                   | 27800                                                        | 2.1                                    | FA 97        | 4                     |
| 47                                              | 1850                                           | 30.39                   | 27300                                                        | 2.3                                    | FAF 97       | 4                     |
| 52                                              | 1670                                           | 27.44                   | 26800                                                        | 2.6                                    | F 97         | 4                     |
| 58                                              | 1520                                           | 24.92                   | 26300                                                        | 2.8                                    | FF 97        | 4                     |
| 29                                              | 3070                                           | 50.36                   | 16000                                                        | 0.95                                   | FA 87        | 4                     |
| 32                                              | 2760                                           | 45.28                   | 16200                                                        | 1.00                                   | FAF 87       | 4                     |
| 37                                              | 2400                                           | 39.30                   | 16400                                                        | 1.15                                   | F 87         | 4                     |
| 41                                              | 2150                                           | 35.19                   | 16400                                                        | 1.20                                   | FF 87        | 4                     |
| 49                                              | 1780                                           | 29.20                   | 16300                                                        | 1.40                                   |              |                       |
| 54                                              | 1620                                           | 26.50                   | 16200                                                        | 1.85                                   |              |                       |
| 61                                              | 1440                                           | 23.68                   | 16100                                                        | 2.1                                    | FA 87        | 4                     |
| 68                                              | 1300                                           | 21.32                   | 15900                                                        | 2.3                                    | FAF 87       | 4                     |
| 75                                              | 1180                                           | 19.31                   | 15700                                                        | 2.5                                    | F 87         | 4                     |
| 84                                              | 1040                                           | 17.12                   | 15400                                                        | 2.9                                    | FF 87        | 4                     |
| 93                                              | 940                                            | 15.48                   | 15200                                                        | 3.2                                    |              |                       |
| 110                                             | 800                                            | 13.12                   | 14700                                                        | 3.8                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_b$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>9.2kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 73                                              | 1200                                           | 19.70                   | 17400                                                        | 1.25                                   |              |                       |
| 82                                              | 1070                                           | 17.49                   | 18000                                                        | 1.40                                   |              |                       |
| 92                                              | 950                                            | 15.64                   | 18300                                                        | 1.55                                   |              |                       |
| 102                                             | 860                                            | 14.06                   | 18000                                                        | 1.75                                   |              |                       |
| 118                                             | 745                                            | 12.20                   | 17500                                                        | 2.0                                    | FA 77        | 4                     |
| 132                                             | 665                                            | 10.93                   | 17100                                                        | 2.2                                    | FAF 77       | 4                     |
| 155                                             | 570                                            | 9.30                    | 16000                                                        | 1.90                                   | F 77         | 4                     |
| 174                                             | 505                                            | 8.26                    | 15600                                                        | 2.1                                    | FF 77        | 4                     |
| 195                                             | 450                                            | 7.39                    | 15300                                                        | 2.4                                    |              |                       |
| 217                                             | 405                                            | 6.64                    | 15000                                                        | 2.7                                    |              |                       |
| 250                                             | 350                                            | 5.76                    | 14500                                                        | 3.1                                    |              |                       |
| 279                                             | 315                                            | 5.16                    | 14200                                                        | 3.4                                    |              |                       |
| 336                                             | 260                                            | 4.28                    | 13600                                                        | 3.9                                    |              |                       |
| <b>11.0kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 4.8                                             | 20300                                          | 302                     | 92800                                                        | 0.90                                   | FA 157 R97   | 4                     |
| 5.3                                             | 18300                                          | 273                     | 99300                                                        | 1.00                                   | FAF 157 R97  | 4                     |
| 6.2                                             | 15500                                          | 232                     | 106900                                                       | 1.15                                   | F 157 R97    | 4                     |
| 7.1                                             | 13500                                          | 202                     | 111200                                                       | 1.35                                   | FF 157 R97   | 4                     |
| 7.3                                             | 13200                                          | 197                     | 112000                                                       | 1.35                                   |              |                       |
| 6.4                                             | 15000                                          | 223                     | 84500                                                        | 0.80                                   | FA 127 R87   | 4                     |
| 7.3                                             | 13300                                          | 198                     | 88000                                                        | 0.90                                   | FAF 127 R87  | 4                     |
| 8.7                                             | 11100                                          | 166                     | 90000                                                        | 1.00                                   | F 127 R87    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | FF 127 R87   | 4                     |
| 5.1                                             | 20700                                          | 141.80                  | 91300                                                        | 0.85                                   | FA 157       | 8                     |
| 5.8                                             | 18300                                          | 125.14                  | 99500                                                        | 1.00                                   | FAF 157      | 8                     |
| 6.6                                             | 15800                                          | 108.49                  | 106100                                                       | 1.15                                   | F 157        | 8                     |
| 7.5                                             | 14100                                          | 96.53                   | 110100                                                       | 1.30                                   | FF 157       | 8                     |
| 5.4                                             | 19500                                          | 178.20                  | 95500                                                        | 0.90                                   |              |                       |
| 5.9                                             | 17800                                          | 162.96                  | 100800                                                       | 1.00                                   |              |                       |
| 6.8                                             | 15500                                          | 141.80                  | 106900                                                       | 1.15                                   | FA 157       | 6                     |
| 7.7                                             | 13700                                          | 125.14                  | 110900                                                       | 1.30                                   | FAF 157      | 6                     |
| 8.9                                             | 11900                                          | 108.49                  | 114300                                                       | 1.50                                   | F 157        | 6                     |
| 9.9                                             | 10600                                          | 96.53                   | 116400                                                       | 1.70                                   | FF 157       | 6                     |
| 11                                              | 9390                                           | 85.80                   | 118100                                                       | 1.90                                   |              |                       |
| 12                                              | 8590                                           | 78.46                   | 119100                                                       | 2.1                                    |              |                       |
| 5.4                                             | 19500                                          | 267.43                  | 95500                                                        | 0.90                                   |              |                       |
| 6.6                                             | 15900                                          | 217.62                  | 106000                                                       | 1.15                                   |              |                       |
| 8.1                                             | 13000                                          | 178.20                  | 112300                                                       | 1.40                                   |              |                       |
| 8.8                                             | 11900                                          | 162.96                  | 114300                                                       | 1.50                                   | FA 157       | 4                     |
| 10                                              | 10300                                          | 141.80                  | 116800                                                       | 1.75                                   | FAF 157      | 4                     |
| 12                                              | 9130                                           | 125.14                  | 118400                                                       | 1.95                                   | F 157        | 4                     |
| 13                                              | 7910                                           | 108.49                  | 119900                                                       | 2.3                                    | FF 157       | 4                     |
| 15                                              | 7040                                           | 96.53                   | 120000                                                       | 2.6                                    |              |                       |
| 17                                              | 6260                                           | 85.80                   | 118100                                                       | 2.9                                    |              |                       |
| 18                                              | 5720                                           | 78.46                   | 115700                                                       | 3.1                                    |              |                       |
| 21                                              | 4980                                           | 68.28                   | 112000                                                       | 3.6                                    |              |                       |
| 7.7                                             | 13700                                          | 125.37                  | 87100                                                        | 0.85                                   | FA 127       | 6                     |
| 8.4                                             | 12500                                          | 114.34                  | 89500                                                        | 0.95                                   | FAF 127      | 6                     |
| 9.7                                             | 10800                                          | 98.95                   | 90000                                                        | 1.10                                   | F 127        | 6                     |
| 11                                              | 9550                                           | 87.31                   | 90000                                                        | 1.25                                   | FF 127       | 6                     |
| 13                                              | 8250                                           | 75.41                   | 90000                                                        | 1.45                                   |              |                       |
| 8.4                                             | 12500                                          | 170.83                  | 89500                                                        | 0.95                                   |              |                       |
| 9.4                                             | 11200                                          | 153.67                  | 90000                                                        | 1.05                                   | FA 127       | 4                     |
| 11                                              | 9150                                           | 125.37                  | 90000                                                        | 1.30                                   | FAF 127      | 4                     |
| 13                                              | 8340                                           | 114.34                  | 90000                                                        | 1.45                                   | F 127        | 4                     |
| 15                                              | 7220                                           | 98.95                   | 90000                                                        | 1.65                                   | FF 127       | 4                     |
| 16                                              | 6370                                           | 87.31                   | 90000                                                        | 1.90                                   |              |                       |
| 19                                              | 5500                                           | 75.41                   | 88600                                                        | 2.2                                    |              |                       |
| 12                                              | 8600                                           | 117.94                  | 47300                                                        | 0.90                                   | FA 107       | 4                     |
| 14                                              | 7400                                           | 101.38                  | 50600                                                        | 1.05                                   | FAF 107      | 4                     |
| 16                                              | 6750                                           | 92.47                   | 52200                                                        | 1.15                                   | F 107        | 4                     |
|                                                 |                                                |                         |                                                              |                                        | FF 107       | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>11.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 17                                              | 6130                                             | 83.99                   | 53700                                                        | 1.25                                   |              |                       |
| 19                                              | 5440                                             | 74.52                   | 55300                                                        | 1.40                                   | FA 107       | 4                     |
| 21                                              | 4930                                             | 67.62                   | 56500                                                        | 1.55                                   | FAF 107      | 4                     |
| 25                                              | 4240                                             | 58.12                   | 56400                                                        | 1.80                                   | F 107        | 4                     |
| 28                                              | 3700                                             | 50.73                   | 55100                                                        | 2.1                                    | FF 107       | 4                     |
| 33                                              | 3140                                             | 43.03                   | 53500                                                        | 2.5                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 43                                              | 2470                                             | 33.79                   | 51000                                                        | 3.0                                    | FA 107       | 4                     |
| 52                                              | 2010                                             | 27.57                   | 48800                                                        | 3.9                                    | FAF 107      | 4                     |
| 57                                              | 1830                                             | 25.14                   | 47800                                                        | 4.3                                    | F 107        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 22                                              | 4780                                             | 65.47                   | 24000                                                        | 0.90                                   | FA 97        | 4                     |
| 25                                              | 4240                                             | 58.06                   | 27100                                                        | 1.00                                   | FAF 97       | 4                     |
| 27                                              | 3830                                             | 52.49                   | 27100                                                        | 1.10                                   | F 97         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 32                                              | 3250                                             | 44.49                   | 27000                                                        | 1.30                                   | FA 97        | 4                     |
| 37                                              | 2830                                             | 38.86                   | 26700                                                        | 1.50                                   | FAF 97       | 4                     |
| 44                                              | 2370                                             | 32.50                   | 26200                                                        | 1.80                                   | F 97         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 42                                              | 2470                                             | 33.91                   | 26400                                                        | 1.75                                   | FA 97        | 4                     |
| 47                                              | 2220                                             | 30.39                   | 26000                                                        | 1.95                                   | FAF 97       | 4                     |
| 52                                              | 2000                                             | 27.44                   | 25600                                                        | 2.2                                    | F 97         | 4                     |
| 58                                              | 1820                                             | 24.92                   | 25200                                                        | 2.4                                    | FF 97        | 4                     |
| 65                                              | 1610                                             | 22.11                   | 24700                                                        | 2.7                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 37                                              | 2870                                             | 39.30                   | 14600                                                        | 0.95                                   | FA 87        | 4                     |
| 41                                              | 2570                                             | 35.19                   | 14800                                                        | 1.00                                   | FAF 87       | 4                     |
| 49                                              | 2130                                             | 29.20                   | 15000                                                        | 1.20                                   | F 87         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 87        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 54                                              | 1930                                             | 26.50                   | 15000                                                        | 1.55                                   |              |                       |
| 61                                              | 1730                                             | 23.68                   | 15000                                                        | 1.75                                   | FA 87        | 4                     |
| 68                                              | 1560                                             | 21.32                   | 14900                                                        | 1.95                                   | FAF 87       | 4                     |
| 75                                              | 1410                                             | 19.31                   | 14800                                                        | 2.1                                    | F 87         | 4                     |
| 84                                              | 1250                                             | 17.12                   | 14600                                                        | 2.4                                    | FF 87        | 4                     |
| 93                                              | 1130                                             | 15.48                   | 14400                                                        | 2.7                                    |              |                       |
| 110                                             | 960                                              | 13.12                   | 14100                                                        | 3.1                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 73                                              | 1440                                             | 19.70                   | 16100                                                        | 1.05                                   |              |                       |
| 82                                              | 1280                                             | 17.49                   | 17100                                                        | 1.20                                   |              |                       |
| 92                                              | 1140                                             | 15.64                   | 17600                                                        | 1.30                                   |              |                       |
| 102                                             | 1030                                             | 14.06                   | 17400                                                        | 1.45                                   |              |                       |
| 118                                             | 890                                              | 12.20                   | 17000                                                        | 1.70                                   | FA 77        | 4                     |
| 132                                             | 795                                              | 10.93                   | 16700                                                        | 1.90                                   | FAF 77       | 4                     |
| 155                                             | 680                                              | 9.30                    | 15500                                                        | 1.60                                   | F 77         | 4                     |
| 174                                             | 605                                              | 8.26                    | 15200                                                        | 1.80                                   | FF 77        | 4                     |
| 195                                             | 540                                              | 7.39                    | 14900                                                        | 2.0                                    |              |                       |
| 217                                             | 485                                              | 6.64                    | 14600                                                        | 2.2                                    |              |                       |
| 250                                             | 420                                              | 5.76                    | 14200                                                        | 2.6                                    |              |                       |
| 279                                             | 375                                              | 5.16                    | 13900                                                        | 2.9                                    |              |                       |
| 336                                             | 310                                              | 4.28                    | 13300                                                        | 3.2                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| <b>15.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 6.3                                             | 20900                                            | 232                     | 90400                                                        | 0.85                                   | FA 157 R97   | 4                     |
| 7.2                                             | 18300                                            | 202                     | 99500                                                        | 1.00                                   | FAF 157 R97  | 4                     |
| 7.4                                             | 17700                                            | 197                     | 101000                                                       | 1.00                                   | F 157 R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 6.8                                             | 20900                                            | 141.80                  | 90400                                                        | 0.85                                   | FA 157       | 4                     |
| 7.8                                             | 18500                                            | 125.14                  | 98800                                                        | 0.95                                   | FAF 157      | 4                     |
| 8.9                                             | 16000                                            | 108.49                  | 105700                                                       | 1.10                                   | F 157        | 4                     |
| 10                                              | 14300                                            | 96.53                   | 109800                                                       | 1.25                                   | FF 157       | 4                     |
| 11                                              | 12700                                            | 85.80                   | 112900                                                       | 1.40                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>15.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 6.7                                             | 21400                                            | 217.62                  | 88800                                                        | 0.85                                   |              |                       |
| 8.2                                             | 17500                                            | 178.20                  | 101800                                                       | 1.05                                   |              |                       |
| 9.0                                             | 16000                                            | 162.96                  | 105700                                                       | 1.15                                   |              |                       |
| 10                                              | 13900                                            | 141.80                  | 110500                                                       | 1.30                                   | FA 157       | 4                     |
| 12                                              | 12300                                            | 125.14                  | 113600                                                       | 1.45                                   | FAF 157      | 4                     |
| 13                                              | 10600                                            | 108.49                  | 116300                                                       | 1.70                                   | F 157        | 4                     |
| 15                                              | 9470                                             | 96.53                   | 115800                                                       | 1.90                                   | FF 157       | 4                     |
| 17                                              | 8420                                             | 85.80                   | 113200                                                       | 2.1                                    |              |                       |
| 19                                              | 7700                                             | 78.46                   | 111200                                                       | 2.3                                    |              |                       |
| 21                                              | 6700                                             | 68.28                   | 108000                                                       | 2.7                                    |              |                       |
| 24                                              | 5910                                             | 60.25                   | 105100                                                       | 3.0                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 9.8                                             | 14600                                            | 98.95                   | 85300                                                        | 0.80                                   | FA 127       | 6                     |
| 11                                              | 12900                                            | 87.31                   | 88700                                                        | 0.95                                   | FAF 127      | 6                     |
| 13                                              | 11100                                            | 75.41                   | 88300                                                        | 1.10                                   | F 127        | 6                     |
| 14                                              | 10300                                            | 70.07                   | 87600                                                        | 1.15                                   | FF 127       | 6                     |
| 15                                              | 9440                                             | 63.91                   | 86700                                                        | 1.25                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 12                                              | 12300                                            | 125.37                  | 89000                                                        | 1.00                                   |              |                       |
| 13                                              | 11200                                            | 114.34                  | 88300                                                        | 1.05                                   | FA 127       | 4                     |
| 15                                              | 9710                                             | 98.95                   | 87000                                                        | 1.25                                   | FAF 127      | 4                     |
| 17                                              | 8570                                             | 87.31                   | 85600                                                        | 1.40                                   | F 127        | 4                     |
| 19                                              | 7400                                             | 75.41                   | 83800                                                        | 1.60                                   | FF 127       | 4                     |
| 21                                              | 6870                                             | 70.07                   | 82800                                                        | 1.75                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 16                                              | 9070                                             | 92.47                   | 45900                                                        | 0.85                                   | FA 107       | 4                     |
| 17                                              | 8680                                             | 88.49                   | 47100                                                        | 0.90                                   | FAF 107      | 4                     |
| 17                                              | 8240                                             | 83.99                   | 48300                                                        | 0.95                                   | F 107        | 4                     |
| 20                                              | 7310                                             | 74.52                   | 50800                                                        | 1.05                                   | FF 107       | 4                     |
| 22                                              | 6630                                             | 67.62                   | 52500                                                        | 1.15                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 25                                              | 5700                                             | 58.12                   | 52200                                                        | 1.35                                   | FA 107       | 4                     |
| 29                                              | 4980                                             | 50.73                   | 51500                                                        | 1.55                                   | FAF 107      | 4                     |
| 34                                              | 4220                                             | 43.03                   | 50400                                                        | 1.80                                   | F 107        | 4                     |
| 39                                              | 3690                                             | 37.61                   | 49300                                                        | 2.1                                    | FF 107       | 4                     |
| 46                                              | 3120                                             | 31.80                   | 48000                                                        | 2.5                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 43                                              | 3320                                             | 33.79                   | 48500                                                        | 2.2                                    | FA 107       | 4                     |
| 53                                              | 2700                                             | 27.57                   | 46700                                                        | 2.9                                    | FAF 107      | 4                     |
| 58                                              | 2470                                             | 25.14                   | 45900                                                        | 3.2                                    | F 107        | 4                     |
| 67                                              | 2130                                             | 21.76                   | 44500                                                        | 3.7                                    | FF 107       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 33                                              | 4360                                             | 44.49                   | 22900                                                        | 1.00                                   | FA 97        | 4                     |
| 38                                              | 3810                                             | 38.86                   | 23100                                                        | 1.15                                   | FAF 97       | 4                     |
| 45                                              | 3190                                             | 32.50                   | 23200                                                        | 1.35                                   | F 97         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 43                                              | 3330                                             | 33.91                   | 23200                                                        | 1.30                                   |              |                       |
| 48                                              | 2980                                             | 30.39                   | 23200                                                        | 1.45                                   |              |                       |
| 53                                              | 2690                                             | 27.44                   | 23100                                                        | 1.60                                   |              |                       |
| 59                                              | 2450                                             | 24.92                   | 22900                                                        | 1.75                                   | FA 97        | 4                     |
| 66                                              | 2170                                             | 22.11                   | 22600                                                        | 2.0                                    | FAF 97       | 4                     |
| 73                                              | 1970                                             | 20.07                   | 22400                                                        | 2.2                                    | F 97         | 4                     |
| 85                                              | 1690                                             | 17.25                   | 21900                                                        | 2.5                                    | FF 97        | 4                     |
| 97                                              | 1480                                             | 15.06                   | 21400                                                        | 2.9                                    |              |                       |
| 114                                             | 1250                                             | 12.77                   | 20800                                                        | 3.4                                    |              |                       |
| 131                                             | 1100                                             | 11.16                   | 20200                                                        | 3.7                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 55                                              | 2600                                             | 26.50                   | 12300                                                        | 1.15                                   |              |                       |
| 62                                              | 2320                                             | 23.68                   | 12600                                                        | 1.30                                   |              |                       |
| 68                                              | 2090                                             | 21.32                   | 12700                                                        | 1.45                                   |              |                       |
| 76                                              | 1890                                             | 19.31                   | 12800                                                        | 1.60                                   |              |                       |
| 85                                              | 1680                                             | 17.12                   | 12900                                                        | 1.80                                   |              |                       |
| 94                                              | 1520                                             | 15.48                   | 12800                                                        | 2.0                                    |              |                       |
| 111                                             | 1290                                             | 13.12                   | 12700                                                        | 2.3                                    | FA 87        | 4                     |
| 127                                             | 1120                                             | 11.46                   | 12600                                                        | 2.7                                    | FAF 87       | 4                     |
| 152                                             | 940                                              | 9.58                    | 12300                                                        | 3.1                                    | F 87         | 4                     |
| 176                                             | 810                                              | 8.29                    | 11700                                                        | 1.90                                   | FF 87        | 4                     |
| 199                                             | 720                                              | 7.35                    | 11500                                                        | 2.1                                    |              |                       |
| 220                                             | 650                                              | 6.65                    | 11300                                                        | 2.3                                    |              |                       |
| 259                                             | 555                                              | 5.63                    | 11000                                                        | 2.8                                    |              |                       |
| 297                                             | 485                                              | 4.92                    | 10700                                                        | 3.2                                    |              |                       |
| 355                                             | 405                                              | 4.12                    | 10300                                                        | 3.6                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>18.5kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 7.2                                             | 22500                                            | 202                     | 76400                                                        | 0.80                                   | FA 157 R97   | 4                     |
| 7.5                                             | 21800                                            | 197                     | 86800                                                        | 0.80                                   | FAF 157 R97  | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | F 157 R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 157 R97   | 4                     |
| 8.2                                             | 21500                                            | 178.20                  | 88200                                                        | 0.85                                   |              |                       |
| 9.0                                             | 19700                                            | 162.96                  | 95000                                                        | 0.90                                   |              |                       |
| 10                                              | 17100                                            | 141.80                  | 102800                                                       | 1.05                                   |              |                       |
| 12                                              | 15100                                            | 125.14                  | 107900                                                       | 1.20                                   | FA 157       | 4                     |
| 14                                              | 13100                                            | 108.49                  | 112100                                                       | 1.40                                   | FAF 157      | 4                     |
| 15                                              | 11600                                            | 96.53                   | 111300                                                       | 1.55                                   | F 157        | 4                     |
| 17                                              | 10300                                            | 85.80                   | 109300                                                       | 1.75                                   | FF 157       | 4                     |
| 19                                              | 9460                                             | 78.46                   | 107600                                                       | 1.90                                   |              |                       |
| 21                                              | 8230                                             | 68.28                   | 104900                                                       | 2.2                                    |              |                       |
| 24                                              | 7270                                             | 60.25                   | 102300                                                       | 2.5                                    |              |                       |
| 28                                              | 6300                                             | 52.24                   | 99300                                                        | 2.9                                    |              |                       |
| 13                                              | 13800                                            | 114.34                  | 82200                                                        | 0.85                                   |              |                       |
| 15                                              | 11900                                            | 98.95                   | 81700                                                        | 1.00                                   | FA 127       | 4                     |
| 17                                              | 10500                                            | 87.31                   | 80900                                                        | 1.15                                   | FAF 127      | 4                     |
| 19                                              | 9090                                             | 75.41                   | 79700                                                        | 1.30                                   | F 127        | 4                     |
| 21                                              | 8450                                             | 70.07                   | 79000                                                        | 1.40                                   | FF 127       | 4                     |
| 23                                              | 7710                                             | 63.91                   | 79100                                                        | 1.55                                   |              |                       |
| 26                                              | 6670                                             | 55.31                   | 76400                                                        | 1.80                                   |              |                       |
| 30                                              | 5880                                             | 48.80                   | 74900                                                        | 2.0                                    |              |                       |
| 20                                              | 8990                                             | 74.52                   | 46200                                                        | 0.85                                   | FA 107       | 4                     |
| 22                                              | 8150                                             | 67.62                   | 48500                                                        | 0.95                                   | FAF 107      | 4                     |
| 25                                              | 7010                                             | 58.12                   | 48700                                                        | 1.10                                   | F 107        | 4                     |
| 29                                              | 6120                                             | 50.73                   | 48400                                                        | 1.25                                   | FF 107       | 4                     |
| 34                                              | 5190                                             | 43.03                   | 47700                                                        | 1.50                                   | FA 107       | 4                     |
| 39                                              | 4540                                             | 37.61                   | 47000                                                        | 1.70                                   | FAF 107      | 4                     |
| 46                                              | 3830                                             | 31.80                   | 46000                                                        | 2.0                                    | F 107        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107       | 4                     |
| 43                                              | 4070                                             | 33.79                   | 46400                                                        | 1.80                                   | FA 107       | 4                     |
| 53                                              | 3320                                             | 27.57                   | 45000                                                        | 2.4                                    | FAF 107      | 4                     |
| 58                                              | 3030                                             | 25.14                   | 44300                                                        | 2.6                                    | F 107        | 4                     |
| 67                                              | 2620                                             | 21.76                   | 43200                                                        | 3.0                                    | FF 107       | 4                     |
| 38                                              | 4690                                             | 38.86                   | 20000                                                        | 0.90                                   | FA 97        | 4                     |
| 45                                              | 3920                                             | 32.50                   | 20600                                                        | 1.10                                   | FAF 97       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | F 97         | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 97        | 4                     |
| 53                                              | 3310                                             | 27.44                   | 20900                                                        | 1.30                                   |              |                       |
| 59                                              | 3010                                             | 24.92                   | 20900                                                        | 1.45                                   | FA 97        | 4                     |
| 66                                              | 2670                                             | 22.11                   | 20900                                                        | 1.60                                   | FAF 97       | 4                     |
| 73                                              | 2420                                             | 20.07                   | 20800                                                        | 1.80                                   | F 97         | 4                     |
| 85                                              | 2080                                             | 17.25                   | 20500                                                        | 2.1                                    | FF 97        | 4                     |
| 97                                              | 1820                                             | 15.06                   | 20200                                                        | 2.4                                    |              |                       |
| 115                                             | 1540                                             | 12.77                   | 19800                                                        | 2.8                                    |              |                       |
| 131                                             | 1350                                             | 11.16                   | 19300                                                        | 3.0                                    |              |                       |
| 69                                              | 2570                                             | 21.32                   | 10900                                                        | 1.15                                   |              |                       |
| 76                                              | 2330                                             | 19.31                   | 11100                                                        | 1.30                                   | FA 87        | 4                     |
| 86                                              | 2060                                             | 17.12                   | 11400                                                        | 1.45                                   | FAF 87       | 4                     |
| 95                                              | 1870                                             | 15.48                   | 11500                                                        | 1.60                                   | F 87         | 4                     |
| 112                                             | 1580                                             | 13.12                   | 11600                                                        | 1.90                                   | FF 87        | 4                     |
| 128                                             | 1380                                             | 11.46                   | 11600                                                        | 2.2                                    |              |                       |
| 153                                             | 1160                                             | 9.58                    | 11500                                                        | 2.5                                    |              |                       |
| 177                                             | 1000                                             | 8.29                    | 10900                                                        | 1.55                                   |              |                       |
| 199                                             | 890                                              | 7.35                    | 10800                                                        | 1.75                                   |              |                       |
| 220                                             | 800                                              | 6.65                    | 10700                                                        | 1.90                                   |              |                       |
| 260                                             | 680                                              | 5.63                    | 10400                                                        | 2.2                                    |              |                       |
| 298                                             | 595                                              | 4.92                    | 10200                                                        | 2.6                                    |              |                       |
| 356                                             | 495                                              | 4.12                    | 9900                                                         | 2.9                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>22kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 10                                              | 20900                                            | 96.53                   | 90500                                                        | 0.85                                   | FA 157       | 6                     |
| 11                                              | 18600                                            | 85.80                   | 98500                                                        | 0.95                                   | FAF 157      | 6                     |
| 12                                              | 17000                                            | 78.46                   | 103100                                                       | 1.05                                   | F 157        | 6                     |
| 14                                              | 14800                                            | 68.28                   | 107700                                                       | 1.20                                   | FF 157       | 6                     |
| 10                                              | 20300                                            | 141.80                  | 92600                                                        | 0.90                                   |              |                       |
| 12                                              | 17900                                            | 125.14                  | 100400                                                       | 1.00                                   |              |                       |
| 14                                              | 15600                                            | 108.49                  | 106800                                                       | 1.15                                   |              |                       |
| 15                                              | 13800                                            | 96.53                   | 106900                                                       | 1.30                                   |              |                       |
| 17                                              | 12300                                            | 85.80                   | 105400                                                       | 1.45                                   | FA 157       | 4                     |
| 19                                              | 11300                                            | 78.46                   | 104000                                                       | 1.60                                   | FAF 157      | 4                     |
| 21                                              | 97900                                            | 68.28                   | 101700                                                       | 1.85                                   | F 157        | 4                     |
| 24                                              | 8640                                             | 60.25                   | 99600                                                        | 2.1                                    | FF 157       | 4                     |
| 28                                              | 7490                                             | 52.24                   | 97000                                                        | 2.4                                    |              |                       |
| 32                                              | 6660                                             | 46.48                   | 94800                                                        | 2.7                                    |              |                       |
| 37                                              | 5740                                             | 40.06                   | 91900                                                        | 3.1                                    |              |                       |
| 45                                              | 4670                                             | 32.55                   | 97800                                                        | 3.9                                    |              |                       |
| 15                                              | 14200                                            | 98.95                   | 76400                                                        | 0.85                                   |              |                       |
| 17                                              | 12500                                            | 87.31                   | 76300                                                        | 0.95                                   |              |                       |
| 19                                              | 10800                                            | 75.41                   | 75700                                                        | 1.10                                   | FA 127       | 4                     |
| 21                                              | 10000                                            | 70.07                   | 75300                                                        | 1.20                                   | FAF 127      | 4                     |
| 23                                              | 9160                                             | 63.91                   | 74700                                                        | 1.30                                   | F 127        | 4                     |
| 26                                              | 7930                                             | 55.31                   | 73500                                                        | 1.50                                   | FF 127       | 4                     |
| 30                                              | 7000                                             | 48.80                   | 72300                                                        | 1.70                                   |              |                       |
| 35                                              | 6040                                             | 42.15                   | 70700                                                        | 2.0                                    |              |                       |
| 25                                              | 8330                                             | 58.12                   | 45200                                                        | 0.90                                   | FA 107       | 4                     |
| 29                                              | 7280                                             | 50.73                   | 45300                                                        | 1.05                                   | FAF 107      | 4                     |
| 34                                              | 6170                                             | 43.03                   | 45100                                                        | 1.25                                   | F 107        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107       | 4                     |
| 39                                              | 5390                                             | 37.61                   | 44800                                                        | 1.40                                   | FA 107       | 4                     |
| 46                                              | 4560                                             | 31.80                   | 44100                                                        | 1.70                                   | FAF 107      | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | F 107        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | FF 107       | 4                     |
| 43                                              | 4850                                             | 33.79                   | 44300                                                        | 1.55                                   | FA 107       | 4                     |
| 53                                              | 3950                                             | 27.57                   | 43300                                                        | 2.0                                    | FAF 107      | 4                     |
| 58                                              | 3610                                             | 25.14                   | 42800                                                        | 2.2                                    | F 107        | 4                     |
| 67                                              | 3120                                             | 21.76                   | 41900                                                        | 2.5                                    | FF 107       | 4                     |
| 76                                              | 2750                                             | 19.20                   | 41000                                                        | 2.8                                    |              |                       |
| 53                                              | 3940                                             | 27.44                   | 18700                                                        | 1.10                                   |              |                       |
| 59                                              | 3570                                             | 24.92                   | 18900                                                        | 1.20                                   |              |                       |
| 66                                              | 3170                                             | 22.11                   | 19100                                                        | 1.35                                   | FA 97        | 4                     |
| 73                                              | 2880                                             | 20.07                   | 19200                                                        | 1.50                                   | FAF 97       | 4                     |
| 85                                              | 2470                                             | 17.25                   | 19100                                                        | 1.75                                   | F 97         | 4                     |
| 97                                              | 2160                                             | 15.06                   | 19000                                                        | 2.0                                    | FF 97        | 4                     |
| 115                                             | 1830                                             | 12.77                   | 18700                                                        | 2.3                                    |              |                       |
| 131                                             | 1600                                             | 11.16                   | 18400                                                        | 2.6                                    |              |                       |
| 69                                              | 3060                                             | 21.32                   | 8990                                                         | 1.00                                   |              |                       |
| 76                                              | 2770                                             | 19.31                   | 9430                                                         | 1.10                                   |              |                       |
| 86                                              | 2460                                             | 17.12                   | 9850                                                         | 1.20                                   |              |                       |
| 95                                              | 2220                                             | 15.48                   | 10100                                                        | 1.35                                   |              |                       |
| 112                                             | 1880                                             | 13.12                   | 10400                                                        | 1.60                                   | FA 87        | 4                     |
| 128                                             | 1640                                             | 11.46                   | 10600                                                        | 1.85                                   | FAF 87       | 4                     |
| 153                                             | 1370                                             | 9.58                    | 10600                                                        | 2.1                                    | F 87         | 4                     |
| 177                                             | 1190                                             | 8.29                    | 10100                                                        | 1.30                                   | FF 87        | 4                     |
| 199                                             | 1050                                             | 7.35                    | 10100                                                        | 1.45                                   |              |                       |
| 220                                             | 950                                              | 6.65                    | 10000                                                        | 1.60                                   |              |                       |
| 260                                             | 810                                              | 5.63                    | 9900                                                         | 1.90                                   |              |                       |
| 298                                             | 705                                              | 4.92                    | 9750                                                         | 2.2                                    |              |                       |
| 356                                             | 590                                              | 4.12                    | 9500                                                         | 2.5                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>30kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 14                                              | 21100                                            | 108.49                | 89600                                                        | 0.85                                   |              |                       |
| 15                                              | 18800                                            | 96.53                 | 96900                                                        | 0.95                                   |              |                       |
| 17                                              | 16700                                            | 85.80                 | 96400                                                        | 1.10                                   |              |                       |
| 19                                              | 15300                                            | 78.46                 | 95800                                                        | 1.20                                   | FA 157       | 4                     |
| 22                                              | 13300                                            | 68.28                 | 94600                                                        | 1.35                                   | FAF 157      | 4                     |
| 24                                              | 11700                                            | 60.25                 | 93300                                                        | 1.55                                   | F 157        | 4                     |
| 28                                              | 10200                                            | 52.24                 | 91500                                                        | 1.75                                   | FF 157       | 4                     |
| 32                                              | 9060                                             | 46.48                 | 89900                                                        | 2.0                                    |              |                       |
| 37                                              | 7810                                             | 40.06                 | 87700                                                        | 2.3                                    |              |                       |
| 19                                              | 14700                                            | 75.41                 | 66600                                                        | 0.80                                   |              |                       |
| 21                                              | 13700                                            | 70.07                 | 66800                                                        | 0.90                                   |              |                       |
| 23                                              | 12500                                            | 63.91                 | 66900                                                        | 0.95                                   | FA 127       | 4                     |
| 27                                              | 10800                                            | 55.31                 | 66700                                                        | 1.10                                   | FAF 127      | 4                     |
| 30                                              | 9510                                             | 48.80                 | 66300                                                        | 1.25                                   | F 127        | 4                     |
| 35                                              | 8210                                             | 42.15                 | 65500                                                        | 1.45                                   | FF 127       | 4                     |
| 39                                              | 7270                                             | 37.28                 | 64700                                                        | 1.65                                   |              |                       |
| 47                                              | 6110                                             | 31.33                 | 63200                                                        | 1.95                                   |              |                       |
| 58                                              | 4930                                             | 25.30                 | 61200                                                        | 2.4                                    |              |                       |
| 55                                              | 5240                                             | 26.86                 | 61800                                                        | 1.60                                   | FA 127       | 4                     |
| 60                                              | 4790                                             | 24.57                 | 60900                                                        | 1.80                                   | FAF 127      | 4                     |
| 69                                              | 4170                                             | 21.38                 | 59400                                                        | 2.9                                    | F 127        | 4                     |
| 78                                              | 3680                                             | 18.87                 | 58000                                                        | 3.0                                    | FF 127       | 4                     |
| 34                                              | 8390                                             | 43.03                 | 39200                                                        | 0.90                                   | FA 107       | 4                     |
| 39                                              | 7330                                             | 37.61                 | 39600                                                        | 1.05                                   | FAF 107      | 4                     |
| 46                                              | 6200                                             | 31.80                 | 39700                                                        | 1.25                                   | F 107        | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | FF 107       | 4                     |
| 53                                              | 5370                                             | 27.57                 | 39500                                                        | 1.45                                   |              |                       |
| 58                                              | 4900                                             | 25.14                 | 39300                                                        | 1.60                                   | FA 107       | 4                     |
| 68                                              | 4240                                             | 21.76                 | 38800                                                        | 1.85                                   | FAF 107      | 4                     |
| 77                                              | 3730                                             | 19.20                 | 38300                                                        | 2.1                                    | F 107        | 4                     |
| 89                                              | 3230                                             | 16.85                 | 37600                                                        | 2.4                                    | FF 107       | 4                     |
| 100                                             | 2860                                             | 14.67                 | 36900                                                        | 2.7                                    |              |                       |
| 119                                             | 2400                                             | 12.33                 | 35900                                                        | 2.9                                    |              |                       |
| 148                                             | 1940                                             | 9.96                  | 34500                                                        | 3.3                                    |              |                       |
| 66                                              | 4310                                             | 22.11                 | 15100                                                        | 1.00                                   |              |                       |
| 73                                              | 3910                                             | 20.07                 | 15500                                                        | 1.10                                   |              |                       |
| 85                                              | 3360                                             | 17.25                 | 16000                                                        | 1.30                                   | FA 97        | 4                     |
| 98                                              | 2930                                             | 15.06                 | 16300                                                        | 1.45                                   | FAF 97       | 4                     |
| 115                                             | 2490                                             | 12.77                 | 16400                                                        | 1.75                                   | F 97         | 4                     |
| 132                                             | 2180                                             | 11.16                 | 16400                                                        | 1.90                                   | FF 97        | 4                     |
| 162                                             | 1770                                             | 9.06                  | 15400                                                        | 1.35                                   |              |                       |
| 179                                             | 1600                                             | 8.22                  | 15300                                                        | 1.45                                   |              |                       |
| 208                                             | 1380                                             | 7.07                  | 15100                                                        | 1.70                                   |              |                       |
| 238                                             | 1200                                             | 6.17                  | 14900                                                        | 1.85                                   |              |                       |
| 281                                             | 1020                                             | 5.23                  | 14600                                                        | 2.1                                    |              |                       |
| 321                                             | 890                                              | 4.57                  | 14300                                                        | 2.3                                    |              |                       |
| <b>37kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 17                                              | 20600                                            | 85.80                 | 88600                                                        | 0.85                                   |              |                       |
| 19                                              | 18900                                            | 78.46                 | 88700                                                        | 0.95                                   |              |                       |
| 22                                              | 16400                                            | 68.28                 | 88400                                                        | 1.10                                   | FA 157       | 4                     |
| 24                                              | 14500                                            | 60.25                 | 87800                                                        | 1.25                                   | FAF 157      | 4                     |
| 28                                              | 12600                                            | 52.24                 | 86800                                                        | 1.45                                   | F 157        | 4                     |
| 32                                              | 11200                                            | 46.48                 | 85700                                                        | 1.60                                   | FF 157       | 4                     |
| 37                                              | 9630                                             | 40.06                 | 84000                                                        | 1.85                                   |              |                       |
| 45                                              | 7820                                             | 32.55                 | 81400                                                        | 2.3                                    |              |                       |
| 53                                              | 6630                                             | 27.60                 | 79100                                                        | 2.7                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>37kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 27                                              | 13300                                            | 55.31                 | 60900                                                        | 0.90                                   |              |                       |
| 30                                              | 11700                                            | 48.80                 | 61100                                                        | 1.00                                   | FA 127       | 4                     |
| 35                                              | 10100                                            | 42.15                 | 61100                                                        | 1.20                                   | FAF 127      | 4                     |
| 39                                              | 8960                                             | 37.28                 | 60700                                                        | 1.35                                   | F 127        | 4                     |
| 47                                              | 7530                                             | 31.33                 | 59900                                                        | 1.60                                   | FF 127       | 4                     |
| 58                                              | 6080                                             | 25.30                 | 58500                                                        | 1.90                                   |              |                       |
| 55                                              | 6460                                             | 26.86                 | 58900                                                        | 1.30                                   |              |                       |
| 60                                              | 5910                                             | 24.57                 | 58300                                                        | 1.45                                   |              |                       |
| 69                                              | 5140                                             | 21.38                 | 57100                                                        | 2.3                                    |              |                       |
| 78                                              | 4530                                             | 18.87                 | 56000                                                        | 2.4                                    | FA 127       | 4                     |
| 90                                              | 3930                                             | 16.36                 | 54600                                                        | 2.8                                    | FAF 127      | 4                     |
| 101                                             | 3500                                             | 14.55                 | 53400                                                        | 3.1                                    | F 127        | 4                     |
| 117                                             | 3010                                             | 12.54                 | 51900                                                        | 3.3                                    | FF 127       | 4                     |
| 144                                             | 2450                                             | 10.19                 | 49600                                                        | 3.9                                    |              |                       |
| 166                                             | 2130                                             | 8.86                  | 47700                                                        | 3.3                                    |              |                       |
| 186                                             | 1890                                             | 7.88                  | 46500                                                        | 3.2                                    |              |                       |
| 53                                              | 6630                                             | 27.57                 | 36200                                                        | 1.20                                   |              |                       |
| 58                                              | 6040                                             | 25.14                 | 36200                                                        | 1.30                                   |              |                       |
| 68                                              | 5230                                             | 21.76                 | 36200                                                        | 1.50                                   |              |                       |
| 77                                              | 4610                                             | 19.20                 | 36000                                                        | 1.70                                   |              |                       |
| 89                                              | 3990                                             | 16.58                 | 35600                                                        | 1.95                                   | FA 107       | 4                     |
| 100                                             | 3530                                             | 14.67                 | 35100                                                        | 2.2                                    | FAF 107      | 4                     |
| 119                                             | 2960                                             | 12.33                 | 34400                                                        | 2.4                                    | F 107        | 4                     |
| 148                                             | 2390                                             | 9.96                  | 33300                                                        | 2.7                                    | FF 107       | 4                     |
| 152                                             | 2330                                             | 9.69                  | 32400                                                        | 2.1                                    |              |                       |
| 176                                             | 2010                                             | 8.37                  | 31700                                                        | 2.4                                    |              |                       |
| 199                                             | 1780                                             | 7.40                  | 31000                                                        | 2.6                                    |              |                       |
| 236                                             | 1500                                             | 6.22                  | 30000                                                        | 3.1                                    |              |                       |
| <b>45kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 22                                              | 20000                                            | 68.28                 | 81300                                                        | 0.90                                   |              |                       |
| 24                                              | 17600                                            | 60.25                 | 81600                                                        | 1.00                                   | FA 157       | 4                     |
| 28                                              | 15300                                            | 52.24                 | 81300                                                        | 1.20                                   | FAF 157      | 4                     |
| 32                                              | 13600                                            | 46.48                 | 80900                                                        | 1.30                                   | F 157        | 4                     |
| 37                                              | 11700                                            | 40.06                 | 79900                                                        | 1.55                                   | FF 157       | 4                     |
| 45                                              | 9510                                             | 32.55                 | 78000                                                        | 1.90                                   |              |                       |
| 53                                              | 8070                                             | 27.60                 | 76200                                                        | 2.2                                    |              |                       |
| 30                                              | 14300                                            | 48.80                 | 55200                                                        | 0.85                                   | FA 127       | 4                     |
| 35                                              | 12300                                            | 42.15                 | 56000                                                        | 0.95                                   | FAF 127      | 4                     |
| 39                                              | 10900                                            | 37.28                 | 56200                                                        | 1.10                                   | F 127        | 4                     |
| 47                                              | 9160                                             | 31.33                 | 56100                                                        | 1.30                                   | FF 127       | 4                     |
| 58                                              | 7400                                             | 25.30                 | 55400                                                        | 1.60                                   |              |                       |
| 55                                              | 7850                                             | 26.86                 | 55700                                                        | 1.10                                   |              |                       |
| 60                                              | 7180                                             | 24.57                 | 55300                                                        | 1.20                                   |              |                       |
| 69                                              | 6250                                             | 21.38                 | 54500                                                        | 1.90                                   |              |                       |
| 78                                              | 5520                                             | 18.87                 | 53700                                                        | 2.0                                    |              |                       |
| 90                                              | 4780                                             | 16.36                 | 52600                                                        | 2.3                                    | FA 127       | 4                     |
| 101                                             | 4250                                             | 14.55                 | 51600                                                        | 2.6                                    | FAF 127      | 4                     |
| 117                                             | 3670                                             | 12.54                 | 50300                                                        | 2.7                                    | F 127        | 4                     |
| 144                                             | 2980                                             | 10.19                 | 48400                                                        | 3.2                                    | FF 127       | 4                     |
| 166                                             | 2590                                             | 8.86                  | 46600                                                        | 2.7                                    |              |                       |
| 186                                             | 2300                                             | 7.88                  | 45500                                                        | 2.6                                    |              |                       |
| 216                                             | 1990                                             | 6.80                  | 44000                                                        | 3.5                                    |              |                       |
| 266                                             | 1610                                             | 5.52                  | 42000                                                        | 3.7                                    |              |                       |
| 53                                              | 8060                                             | 27.57                 | 32400                                                        | 0.95                                   |              |                       |
| 58                                              | 7350                                             | 25.14                 | 32800                                                        | 1.05                                   |              |                       |
| 68                                              | 6360                                             | 21.76                 | 33200                                                        | 1.25                                   |              |                       |
| 77                                              | 5610                                             | 19.20                 | 33300                                                        | 1.40                                   |              |                       |
| 89                                              | 4850                                             | 16.58                 | 33300                                                        | 1.60                                   | FA 107       | 4                     |
| 100                                             | 4290                                             | 14.67                 | 33100                                                        | 1.80                                   | FAF 107      | 4                     |
| 119                                             | 3600                                             | 12.33                 | 32700                                                        | 1.95                                   | F 107        | 4                     |
| 148                                             | 2910                                             | 9.96                  | 31900                                                        | 2.2                                    | FF 107       | 4                     |
| 152                                             | 2830                                             | 9.69                  | 31000                                                        | 1.75                                   |              |                       |
| 176                                             | 2450                                             | 8.37                  | 30400                                                        | 1.95                                   |              |                       |
| 199                                             | 2160                                             | 7.40                  | 29900                                                        | 2.1                                    |              |                       |
| 236                                             | 1820                                             | 6.22                  | 29100                                                        | 2.5                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>55kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 24                                              | 21500                                            | 60.25                   | 73800                                                        | 0.85                                   |              |                       |
| 28                                              | 18600                                            | 52.24                   | 74600                                                        | 0.95                                   | FA           | 157 4                 |
| 32                                              | 16500                                            | 46.48                   | 74800                                                        | 1.10                                   | FAF          | 157 4                 |
| 37                                              | 14300                                            | 40.06                   | 74700                                                        | 1.25                                   | F            | 157 4                 |
| 45                                              | 11600                                            | 32.55                   | 73800                                                        | 1.55                                   | FF           | 157 4                 |
| 53                                              | 9830                                             | 27.60                   | 72600                                                        | 1.85                                   |              |                       |
| 52                                              | 10200                                            | 28.60                   | 72900                                                        | 1.65                                   | FA           | 157 4                 |
| 58                                              | 9060                                             | 25.43                   | 71600                                                        | 1.65                                   | FAF          | 157 4                 |
| 67                                              | 7890                                             | 22.16                   | 70600                                                        | 2.3                                    | F            | 157 4                 |
| 75                                              | 7040                                             | 19.77                   | 69400                                                        | 2.4                                    | FF           | 157 4                 |
| 88                                              | 6000                                             | 16.85                   | 67600                                                        | 3.0                                    |              |                       |
| 40                                              | 13300                                            | 37.28                   | 50600                                                        | 0.90                                   | FA           | 127 4                 |
| 47                                              | 11200                                            | 31.33                   | 51400                                                        | 1.10                                   | FAF          | 127 4                 |
| 58                                              | 9010                                             | 25.30                   | 51600                                                        | 1.35                                   | F            | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 127 4                 |
| 69                                              | 7610                                             | 21.38                   | 51300                                                        | 1.60                                   |              |                       |
| 78                                              | 6720                                             | 18.87                   | 50800                                                        | 1.65                                   |              |                       |
| 90                                              | 5820                                             | 16.36                   | 50100                                                        | 1.90                                   |              |                       |
| 101                                             | 5180                                             | 14.55                   | 49400                                                        | 2.1                                    | FA           | 127 4                 |
| 118                                             | 4470                                             | 12.54                   | 48400                                                        | 2.2                                    | FAF          | 127 4                 |
| 145                                             | 3630                                             | 10.19                   | 46800                                                        | 2.6                                    | F            | 127 4                 |
| 166                                             | 3160                                             | 8.86                    | 45100                                                        | 2.2                                    | FF           | 127 4                 |
| 187                                             | 2810                                             | 7.88                    | 44200                                                        | 2.1                                    |              |                       |
| 217                                             | 2420                                             | 6.80                    | 42900                                                        | 2.9                                    |              |                       |
| 267                                             | 1970                                             | 5.52                    | 41100                                                        | 3.0                                    |              |                       |
| 315                                             | 1670                                             | 4.68                    | 39600                                                        | 3.6                                    |              |                       |
| <b>75kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 32                                              | 22500                                            | 46.48                   | 62900                                                        | 0.80                                   | FA           | 157 4                 |
| 37                                              | 19400                                            | 40.06                   | 64400                                                        | 0.95                                   | FAF          | 157 4                 |
| 45                                              | 15800                                            | 32.55                   | 65400                                                        | 1.15                                   | F            | 157 4                 |
| 54                                              | 13400                                            | 27.60                   | 65500                                                        | 1.35                                   | FF           | 157 4                 |
| 52                                              | 13800                                            | 28.60                   | 65500                                                        | 1.25                                   |              |                       |
| 58                                              | 12300                                            | 25.43                   | 65400                                                        | 1.20                                   | FA           | 157 4                 |
| 67                                              | 10700                                            | 22.16                   | 64900                                                        | 1.70                                   | FAF          | 157 4                 |
| 75                                              | 9570                                             | 19.77                   | 64300                                                        | 1.80                                   | F            | 157 4                 |
| 88                                              | 8150                                             | 16.85                   | 63200                                                        | 2.2                                    | FF           | 157 4                 |
| 106                                             | 6760                                             | 13.96                   | 61600                                                        | 2.5                                    |              |                       |
| 124                                             | 5770                                             | 11.92                   | 60100                                                        | 2.8                                    |              |                       |
| 58                                              | 12200                                            | 25.30                   | 44000                                                        | 1.00                                   | FA           | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FAF          | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | F            | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 127 4                 |
| 69                                              | 10300                                            | 21.38                   | 44800                                                        | 1.15                                   |              |                       |
| 78                                              | 9130                                             | 18.87                   | 45100                                                        | 1.20                                   |              |                       |
| 90                                              | 7920                                             | 16.36                   | 45200                                                        | 1.40                                   |              |                       |
| 102                                             | 7040                                             | 14.55                   | 45000                                                        | 1.55                                   | FA           | 127 4                 |
| 118                                             | 6070                                             | 12.54                   | 44600                                                        | 1.65                                   | FAF          | 127 4                 |
| 145                                             | 4930                                             | 10.19                   | 43700                                                        | 1.95                                   | F            | 127 4                 |
| 167                                             | 4290                                             | 8.86                    | 42200                                                        | 1.65                                   | FF           | 127 4                 |
| 188                                             | 3810                                             | 7.88                    | 41600                                                        | 1.55                                   |              |                       |
| 218                                             | 3290                                             | 6.80                    | 40700                                                        | 2.1                                    |              |                       |
| 268                                             | 2670                                             | 5.52                    | 39300                                                        | 2.2                                    |              |                       |
| 316                                             | 2270                                             | 4.68                    | 38100                                                        | 2.7                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_a$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>90kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 45                                              | 18900                                            | 32.55                   | 59100                                                        | 0.95                                   | FA           | 157 4                 |
| 54                                              | 16000                                            | 27.60                   | 60200                                                        | 1.10                                   | FAF          | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | F            | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 157 4                 |
| 52                                              | 16600                                            | 28.60                   | 60000                                                        | 1.00                                   |              |                       |
| 58                                              | 14800                                            | 25.43                   | 60400                                                        | 1.00                                   | FA           | 157 4                 |
| 67                                              | 12900                                            | 22.16                   | 60600                                                        | 1.40                                   | FAF          | 157 4                 |
| 75                                              | 11500                                            | 19.77                   | 60500                                                        | 1.50                                   | F            | 157 4                 |
| 88                                              | 9790                                             | 16.85                   | 59900                                                        | 1.85                                   | FF           | 157 4                 |
| 106                                             | 8110                                             | 13.96                   | 58900                                                        | 2.1                                    |              |                       |
| 124                                             | 6920                                             | 11.92                   | 57800                                                        | 2.3                                    |              |                       |
| 58                                              | 14700                                            | 25.30                   | 33100                                                        | 0.80                                   | FA           | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FAF          | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | F            | 127 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 127 4                 |
| 69                                              | 12400                                            | 21.38                   | 38800                                                        | 0.95                                   |              |                       |
| 78                                              | 11000                                            | 18.87                   | 40900                                                        | 1.00                                   |              |                       |
| 90                                              | 9500                                             | 16.36                   | 41500                                                        | 1.15                                   |              |                       |
| 102                                             | 8450                                             | 14.55                   | 41700                                                        | 1.30                                   | FA           | 127 4                 |
| 118                                             | 7280                                             | 12.54                   | 41800                                                        | 1.35                                   | FAF          | 127 4                 |
| 145                                             | 5920                                             | 10.19                   | 41400                                                        | 1.60                                   | F            | 127 4                 |
| 167                                             | 5150                                             | 8.86                    | 40100                                                        | 1.35                                   | FF           | 127 4                 |
| 188                                             | 4580                                             | 7.88                    | 39700                                                        | 1.30                                   |              |                       |
| 218                                             | 3950                                             | 6.80                    | 39000                                                        | 1.75                                   |              |                       |
| 268                                             | 3210                                             | 5.52                    | 37900                                                        | 1.85                                   |              |                       |
| 316                                             | 2720                                             | 4.68                    | 36900                                                        | 2.2                                    |              |                       |
| <b>110kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 54                                              | 19500                                            | 27.60                   | 53100                                                        | 0.90                                   | FA           | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FAF          | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | F            | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 157 4                 |
| 67                                              | 15700                                            | 22.16                   | 54900                                                        | 1.15                                   | FA           | 157 4                 |
| 75                                              | 14000                                            | 19.77                   | 55400                                                        | 1.20                                   | FAF          | 157 4                 |
| 88                                              | 11900                                            | 16.85                   | 55600                                                        | 1.50                                   | F            | 157 4                 |
| 106                                             | 9880                                             | 13.96                   | 55300                                                        | 1.70                                   | FF           | 157 4                 |
| 125                                             | 8430                                             | 11.92                   | 54700                                                        | 1.90                                   |              |                       |
| <b>132kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 67                                              | 18800                                            | 22.16                   | 48700                                                        | 0.95                                   | FA           | 157 4                 |
| 75                                              | 16800                                            | 19.77                   | 49800                                                        | 1.00                                   | FAF          | 157 4                 |
| 88                                              | 14300                                            | 16.85                   | 50900                                                        | 1.25                                   | F            | 157 4                 |
| 106                                             | 11900                                            | 13.96                   | 51400                                                        | 1.45                                   | FF           | 157 4                 |
| 125                                             | 10100                                            | 11.92                   | 51400                                                        | 1.60                                   |              |                       |
| <b>160kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 88                                              | 17300                                            | 16.85                   | 44800                                                        | 1.05                                   | FA           | 157 4                 |
| 106                                             | 14400                                            | 13.96                   | 46400                                                        | 1.20                                   | FAF          | 157 4                 |
| 125                                             | 12300                                            | 11.92                   | 47100                                                        | 1.30                                   | F            | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 157 4                 |
| <b>200kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 88                                              | 21700                                            | 16.85                   | 36100                                                        | 0.85                                   | FA           | 157 4                 |
| 106                                             | 18000                                            | 13.96                   | 39200                                                        | 0.95                                   | FAF          | 157 4                 |
| 125                                             | 15300                                            | 11.92                   | 41000                                                        | 1.05                                   | F            | 157 4                 |
|                                                 |                                                  |                         |                                                              |                                        | FF           | 157 4                 |



**F37/47R17, F57R37  $n_a=1400$  r/min**

| F37R17 |                  | 200Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] |
| 8193   | 0.17             | 200                | 4290            |
| 7064   | 0.20             | 200                | 4290            |
| 6585   | 0.21             | 200                | 4290            |
| 5756   | 0.24             | 200                | 4290            |
| 4963   | 0.28             | 200                | 4290            |
| 4434   | 0.32             | 200                | 4290            |
| 3875   | 0.36             | 200                | 4290            |
| 3392   | 0.41             | 200                | 4290            |
| 2965   | 0.47             | 200                | 4290            |
| 2587   | 0.54             | 200                | 4290            |
| 2284   | 0.61             | 200                | 4290            |
| 1997   | 0.70             | 200                | 4290            |
| 1929   | 0.73             | 200                | 4290            |
| 1742   | 0.80             | 200                | 4290            |
| 1679   | 0.83             | 200                | 4290            |
| 1550   | 0.90             | 200                | 4290            |
| 1545   | 0.91             | 200                | 4290            |
| 1370   | 1.0              | 200                | 4290            |
| 1356   | 1.0              | 200                | 4290            |
| 1198   | 1.2              | 200                | 4290            |
| 1180   | 1.2              | 200                | 4290            |
| 1047   | 1.3              | 200                | 4290            |
| 1044   | 1.3              | 200                | 4290            |
| 915    | 1.5              | 200                | 4290            |
| 914    | 1.5              | 200                | 4290            |
| 808    | 1.7              | 200                | 4290            |
| 807    | 1.7              | 200                | 4290            |
| 707    | 2.0              | 200                | 4290            |
| 698    | 2.0              | 200                | 4290            |
| 617    | 2.3              | 200                | 4290            |
| 616    | 2.3              | 200                | 4290            |
| 544    | 2.6              | 200                | 4290            |
| 538    | 2.6              | 200                | 4290            |
| 477    | 2.9              | 200                | 4290            |
| 466    | 3.0              | 200                | 4290            |
| 412    | 3.4              | 200                | 4290            |
| 411    | 3.4              | 200                | 4290            |
| 365    | 3.8              | 200                | 4290            |
| 364    | 3.8              | 200                | 4290            |
| 326    | 4.3              | 200                | 4290            |
| 322    | 4.3              | 200                | 4290            |
| 285    | 4.9              | 200                | 4290            |
| 278    | 5.0              | 200                | 4290            |
| 250    | 5.6              | 200                | 4290            |
| 242    | 5.8              | 200                | 4290            |
| 221    | 6.3              | 200                | 4290            |
| 219    | 6.4              | 200                | 4290            |
| 195    | 7.2              | 200                | 4290            |
| 186    | 7.5              | 200                | 4290            |
| 168    | 8.3              | 200                | 4290            |
| 167    | 8.4              | 200                | 4290            |
| 147    | 9.5              | 200                | 4290            |
| 145    | 9.7              | 200                | 4290            |
| 129    | 11               | 200                | 4290            |
| 127    | 11               | 200                | 4290            |
| 121    | 12               | 200                | 4290            |
| 118    | 12               | 200                | 4290            |
| 108    | 13               | 200                | 4290            |
| 98     | 14               | 200                | 4290            |
| 91     | 15               | 200                | 4290            |
| 87     | 16               | 200                | 4290            |

| F47R17 |                  | 200Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] |
| 12251  | 0.11             | 400                | 5920            |
| 10619  | 0.13             | 400                | 5920            |
| 9846   | 0.14             | 400                | 5920            |
| 8534   | 0.16             | 400                | 5920            |
| 7460   | 0.19             | 400                | 5920            |
| 6536   | 0.21             | 400                | 5920            |
| 5764   | 0.24             | 400                | 5920            |
| 5022   | 0.28             | 400                | 5920            |
| 4401   | 0.32             | 400                | 5920            |
| 3883   | 0.36             | 400                | 5920            |
| 3443   | 0.41             | 400                | 5920            |
| 2976   | 0.47             | 400                | 5920            |
| 2629   | 0.53             | 400                | 5920            |
| 2519   | 0.56             | 400                | 5920            |
| 2394   | 0.58             | 400                | 5920            |
| 2304   | 0.61             | 400                | 5920            |
| 2172   | 0.64             | 400                | 5920            |
| 2033   | 0.69             | 400                | 5920            |
| 2025   | 0.69             | 400                | 5920            |
| 1785   | 0.78             | 400                | 5920            |
| 1770   | 0.79             | 400                | 5920            |
| 1578   | 0.89             | 400                | 5920            |
| 1576   | 0.89             | 400                | 5920            |
| 1364   | 1.0              | 400                | 5920            |
| 1363   | 1.0              | 400                | 5920            |
| 1203   | 1.2              | 400                | 5920            |
| 1192   | 1.2              | 400                | 5920            |
| 1061   | 1.3              | 400                | 5920            |
| 1049   | 1.3              | 400                | 5920            |
| 931    | 1.5              | 400                | 5920            |
| 918    | 1.5              | 400                | 5920            |
| 822    | 1.7              | 400                | 5920            |
| 809    | 1.7              | 400                | 5920            |
| 706    | 2.0              | 400                | 5920            |
| 700    | 2.0              | 400                | 5920            |
| 622    | 2.3              | 400                | 5920            |
| 619    | 2.3              | 400                | 5920            |
| 543    | 2.6              | 400                | 5920            |
| 524    | 2.7              | 400                | 5920            |
| 489    | 2.9              | 400                | 5920            |
| 475    | 2.9              | 400                | 5920            |
| 427    | 3.3              | 400                | 5920            |
| 419    | 3.3              | 400                | 5920            |
| 381    | 3.7              | 400                | 5920            |
| 370    | 3.8              | 400                | 5920            |
| 334    | 4.2              | 400                | 5920            |
| 324    | 4.3              | 400                | 5920            |
| 295    | 4.7              | 400                | 5920            |
| 288    | 4.9              | 400                | 5920            |
| 253    | 5.5              | 400                | 5920            |
| 249    | 5.6              | 400                | 5920            |
| 218    | 6.4              | 400                | 5920            |
| 217    | 6.5              | 400                | 5920            |
| 193    | 7.3              | 400                | 5920            |
| 190    | 7.4              | 400                | 5920            |
| 178    | 7.9              | 400                | 5920            |
| 175    | 8.0              | 400                | 5920            |
| 149    | 9.4              | 400                | 5920            |
| 147    | 9.5              | 400                | 5920            |
| 131    | 11               | 400                | 5920            |
| 130    | 11               | 400                | 5920            |

| F57R37 |                  | 600Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] |
| 14832  | 0.09             | 600                | 8200            |
| 13604  | 0.10             | 600                | 8200            |
| 12602  | 0.11             | 600                | 8200            |
| 11252  | 0.12             | 600                | 8200            |
| 9986   | 0.14             | 600                | 8200            |
| 8787   | 0.16             | 600                | 8200            |
| 7908   | 0.18             | 600                | 8200            |
| 6913   | 1.20             | 600                | 8200            |
| 6013   | 0.23             | 600                | 8200            |
| 5289   | 0.26             | 600                | 8200            |
| 4654   | 0.30             | 600                | 8200            |
| 4060   | 0.34             | 600                | 8200            |
| 3564   | 0.39             | 600                | 8200            |
| 3161   | 0.44             | 600                | 8200            |
| 2854   | 0.49             | 600                | 8200            |
| 2737   | 0.51             | 600                | 8200            |
| 2576   | 0.54             | 600                | 8200            |
| 2409   | 0.58             | 600                | 8200            |
| 2266   | 0.62             | 600                | 8200            |
| 2131   | 0.66             | 600                | 8200            |
| 2012   | 0.70             | 600                | 8200            |
| 1840   | 0.76             | 600                | 8200            |
| 1791   | 0.78             | 600                | 8200            |
| 1623   | 0.86             | 600                | 8200            |
| 1617   | 0.87             | 600                | 8200            |
| 1439   | 0.97             | 600                | 8200            |
| 1422   | 0.98             | 600                | 8200            |
| 1243   | 1.1              | 600                | 8200            |
| 1238   | 1.1              | 600                | 8200            |
| 1106   | 1.3              | 600                | 8200            |
| 1066   | 1.3              | 600                | 8200            |
| 967    | 1.4              | 600                | 8200            |
| 949    | 1.5              | 600                | 8200            |
| 856    | 1.6              | 600                | 8200            |
| 851    | 1.6              | 600                | 8200            |
| 749    | 1.9              | 600                | 8200            |
| 738    | 1.9              | 600                | 8200            |
| 658    | 2.1              | 600                | 8200            |
| 646    | 2.2              | 600                | 8200            |
| 558    | 2.5              | 600                | 8200            |
| 549    | 2.6              | 600                | 8200            |
| 506    | 2.8              | 600                | 8200            |
| 483    | 2.9              | 600                | 8200            |
| 452    | 3.1              | 600                | 8200            |
| 426    | 3.3              | 600                | 8200            |
| 386    | 3.6              | 600                | 8200            |
| 382    | 3.7              | 600                | 8200            |
| 338    | 4.1              | 600                | 8200            |
| 330    | 4.2              | 600                | 8200            |
| 298    | 4.7              | 600                | 8200            |
| 298    | 4.7              | 600                | 8200            |
| 262    | 5.3              | 600                | 8200            |
| 255    | 5.5              | 600                | 8200            |
| 226    | 6.2              | 600                | 8200            |
| 226    | 6.2              | 600                | 8200            |
| 201    | 7.0              | 600                | 8200            |
| 200    | 7.0              | 600                | 8200            |
| 181    | 7.7              | 600                | 8200            |
| 170    | 8.2              | 600                | 8200            |
| 155    | 9.0              | 600                | 8200            |
| 152    | 9.2              | 600                | 8200            |
| 134    | 10               | 600                | 8200            |

**F 67/77 R37, F87R57**       **$n_a=1400$  r/min**

| F67R37 |                  | 820Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 19199  | 0.07             | 820                | 10300           |
| 17610  | 0.08             | 820                | 10300           |
| 14992  | 0.09             | 820                | 10300           |
| 12926  | 0.11             | 820                | 10300           |
| 11480  | 0.12             | 820                | 10300           |
| 10220  | 0.14             | 820                | 10300           |
| 8933   | 0.16             | 820                | 10300           |
| 7940   | 0.18             | 820                | 10300           |
| 7096   | 0.20             | 820                | 10300           |
| 6080   | 0.23             | 820                | 10300           |
| 5341   | 0.26             | 820                | 10300           |
| 4690   | 0.30             | 820                | 10300           |
| 4091   | 0.34             | 820                | 10300           |
| 3574   | 0.39             | 820                | 10300           |
| 3377   | 0.41             | 820                | 10300           |
| 3133   | 0.45             | 820                | 10300           |
| 2912   | 0.48             | 820                | 10300           |
| 2756   | 0.51             | 820                | 10300           |
| 2714   | 0.52             | 820                | 10300           |
| 2439   | 0.57             | 820                | 10300           |
| 2372   | 0.59             | 820                | 10300           |
| 2126   | 0.66             | 820                | 10300           |
| 2106   | 0.66             | 820                | 10300           |
| 1884   | 0.74             | 820                | 10300           |
| 1859   | 0.75             | 820                | 10300           |
| 1635   | 0.86             | 820                | 10300           |
| 1631   | 0.86             | 820                | 10300           |
| 1437   | 0.97             | 820                | 10300           |
| 1429   | 0.98             | 820                | 10300           |
| 1271   | 1.1              | 820                | 10300           |
| 1256   | 1.1              | 820                | 10300           |
| 1126   | 1.2              | 820                | 10300           |
| 1102   | 1.3              | 820                | 10300           |
| 984    | 1.4              | 820                | 10300           |
| 970    | 1.4              | 820                | 10300           |
| 864    | 1.6              | 820                | 10300           |
| 858    | 1.6              | 820                | 10300           |
| 755    | 1.9              | 820                | 10300           |
| 722    | 1.9              | 820                | 10300           |
| 641    | 2.2              | 820                | 10300           |
| 634    | 2.2              | 820                | 10300           |
| 572    | 2.4              | 820                | 10300           |
| 539    | 2.6              | 820                | 10300           |
| 509    | 2.8              | 820                | 10300           |
| 500    | 2.8              | 820                | 10300           |
| 454    | 3.1              | 820                | 10300           |
| 437    | 3.2              | 820                | 10300           |
| 392    | 3.6              | 820                | 10300           |
| 384    | 3.6              | 820                | 10300           |
| 338    | 4.1              | 820                | 10300           |
| 333    | 4.1              | 820                | 10300           |
| 305    | 4.6              | 820                | 10300           |
| 297    | 4.7              | 820                | 10300           |
| 261    | 5.4              | 820                | 10300           |
| 257    | 5.4              | 820                | 10300           |
| 238    | 5.9              | 820                | 10300           |
| 231    | 6.1              | 820                | 10300           |
| 205    | 6.8              | 820                | 10300           |
| 200    | 7.0              | 820                | 10300           |
| 176    | 8.0              | 820                | 10300           |
| 175    | 8.0              | 820                | 10300           |

| F77R37 |                  | 1500Nm             |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 19180  | 0.07             | 1500               | 15700           |
| 17593  | 0.08             | 1500               | 15700           |
| 16128  | 0.09             | 1500               | 15700           |
| 14978  | 0.09             | 1500               | 15700           |
| 13731  | 0.10             | 1500               | 15700           |
| 12049  | 0.12             | 1500               | 15700           |
| 11035  | 0.13             | 1500               | 15700           |
| 9683   | 0.14             | 1500               | 15700           |
| 8464   | 0.17             | 1500               | 15700           |
| 7520   | 0.19             | 1500               | 15700           |
| 6580   | 0.21             | 1500               | 15700           |
| 5808   | 0.24             | 1500               | 15700           |
| 5026   | 0.28             | 1500               | 15700           |
| 4931   | 0.28             | 1110               | 17900           |
| 4523   | 0.31             | 1110               | 17900           |
| 4435   | 0.32             | 1500               | 15700           |
| 3851   | 0.36             | 1110               | 17900           |
| 3832   | 0.37             | 1500               | 15700           |
| 3381   | 0.41             | 1500               | 15700           |
| 3320   | 0.42             | 1110               | 17900           |
| 3095   | 0.45             | 1110               | 17900           |
| 2978   | 0.47             | 1500               | 15700           |
| 2705   | 0.52             | 1110               | 17900           |
| 2613   | 0.54             | 1500               | 15700           |
| 2536   | 0.55             | 1110               | 17900           |
| 2284   | 0.61             | 1500               | 15700           |
| 2238   | 0.63             | 1110               | 17900           |
| 2039   | 0.69             | 1110               | 17900           |
| 2029   | 0.69             | 1500               | 15700           |
| 1759   | 0.80             | 1110               | 17900           |
| 1728   | 0.81             | 1500               | 15700           |
| 1639   | 0.85             | 1110               | 17900           |
| 1544   | 0.91             | 1500               | 15700           |
| 1433   | 0.98             | 1110               | 17900           |
| 1354   | 1.0              | 1500               | 15700           |
| 1343   | 1.0              | 1110               | 17900           |
| 1200   | 1.2              | 1500               | 15700           |
| 1185   | 1.2              | 1110               | 17900           |
| 1053   | 1.3              | 1500               | 15700           |
| 1051   | 1.3              | 1110               | 17900           |
| 910    | 1.5              | 1500               | 15700           |
| 893    | 1.6              | 1110               | 17900           |
| 815    | 1.7              | 1110               | 17900           |
| 810    | 1.7              | 1500               | 15700           |
| 710    | 2.0              | 1500               | 15700           |
| 706    | 2.0              | 1110               | 17900           |
| 660    | 2.1              | 1110               | 17900           |
| 615    | 2.3              | 1500               | 15700           |
| 571    | 2.5              | 1110               | 17900           |
| 538    | 2.6              | 1500               | 15700           |
| 485    | 2.9              | 1110               | 17900           |
| 480    | 2.9              | 1500               | 15700           |
| 433    | 3.2              | 1110               | 17900           |
| 413    | 3.4              | 1500               | 15700           |
| 370    | 3.8              | 1110               | 17900           |
| 367    | 3.8              | 1500               | 15700           |
| 346    | 4.0              | 1110               | 17900           |
| 323    | 4.3              | 1500               | 15700           |
| 292    | 4.8              | 1110               | 17900           |
| 280    | 5.0              | 1500               | 15700           |
| 247    | 5.7              | 1500               | 15700           |
| 221    | 6.3              | 1500               | 15700           |
| 199    | 7.0              | 1500               | 15700           |

| F87R57 |                  | 3000Nm             |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 23042  | 0.06             | 3000               | 19800           |
| 20462  | 0.07             | 3000               | 19800           |
| 18238  | 0.08             | 3000               | 19800           |
| 15877  | 0.09             | 3000               | 19800           |
| 14099  | 0.10             | 3000               | 19800           |
| 12205  | 0.11             | 3000               | 19800           |
| 10433  | 0.13             | 3000               | 19800           |
| 9381   | 0.15             | 3000               | 19800           |
| 8142   | 0.17             | 3000               | 19800           |
| 7100   | 0.20             | 3000               | 19800           |
| 6273   | 0.22             | 3000               | 19800           |
| 5510   | 0.25             | 3000               | 19800           |
| 4954   | 0.28             | 3000               | 19800           |
| 4952   | 0.28             | 3000               | 19800           |
| 4562   | 0.31             | 3000               | 19800           |
| 4245   | 0.33             | 3000               | 19800           |
| 3919   | 0.36             | 3000               | 19800           |
| 3721   | 0.38             | 3000               | 19800           |
| 3503   | 0.40             | 3000               | 19800           |
| 3244   | 0.43             | 3000               | 19800           |
| 3196   | 0.44             | 3000               | 19800           |
| 2881   | 0.49             | 3000               | 19800           |
| 2857   | 0.49             | 3000               | 19800           |
| 2576   | 0.54             | 3000               | 19800           |
| 2524   | 0.55             | 3000               | 19800           |
| 2199   | 0.64             | 3000               | 19800           |
| 2134   | 0.66             | 3000               | 19800           |
| 1930   | 0.73             | 3000               | 19800           |
| 1913   | 0.73             | 3000               | 19800           |
| 1717   | 0.82             | 3000               | 19800           |
| 1709   | 0.82             | 3000               | 19800           |
| 1493   | 0.94             | 3000               | 19800           |
| 1476   | 0.95             | 3000               | 19800           |
| 1300   | 1.1              | 3000               | 19800           |
| 1278   | 1.1              | 3000               | 19800           |
| 1148   | 1.2              | 3000               | 19800           |
| 1142   | 1.2              | 3000               | 19800           |
| 1010   | 1.4              | 3000               | 19800           |
| 998    | 1.4              | 3000               | 19800           |
| 887    | 1.6              | 3000               | 19800           |
| 883    | 1.6              | 3000               | 19800           |
| 780    | 1.8              | 3000               | 19800           |
| 748    | 1.9              | 3000               | 19800           |
| 674    | 2.1              | 3000               | 19800           |
| 662    | 2.1              | 3000               | 19800           |
| 609    | 2.3              | 3000               | 19800           |
| 592    | 2.4              | 3000               | 19800           |
| 519    | 2.7              | 3000               | 19800           |
| 515    | 2.7              | 3000               | 19800           |
| 468    | 3.0              | 3000               | 19800           |
| 452    | 3.1              | 3000               | 19800           |
| 398    | 3.5              | 3000               | 19800           |
| 350    | 4.0              | 3000               | 19800           |
| 345    | 4.1              | 3000               | 19800           |
| 315    | 4.4              | 3000               | 19800           |
| 300    | 4.7              | 3000               | 19800           |
| 281    | 5.0              | 3000               | 19800           |
| 249    | 5.6              | 3000               | 19800           |
| 240    | 5.8              | 3000               | 19800           |
| 211    | 6.6              | 3000               | 19800           |
| 193    | 7.3              | 3000               | 19800           |



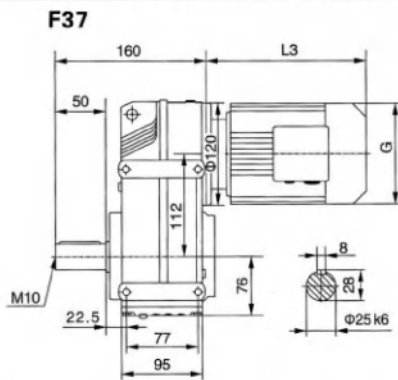
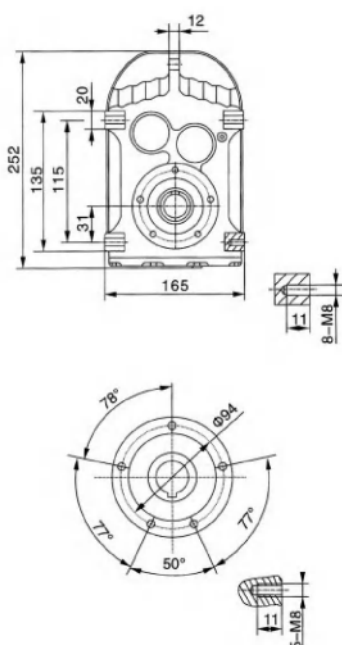
**F 97R57, F107/127R77**  $n_a=1400$  r/min

| F97R57 4300Nm |                  |                    |                 | F107R77 780Nm |                  |                    |                 | F127R77 12000Nm |                  |                    |                 |
|---------------|------------------|--------------------|-----------------|---------------|------------------|--------------------|-----------------|-----------------|------------------|--------------------|-----------------|
| i             | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] | i             | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] | i               | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] |
| 29211         | 0.05             | 4300               | 29900           | 25375         | 0.06             | 7680               | 49800           | 24478           | 0.06             | 12000              | 90000           |
| 26911         | 0.05             | 4300               | 29900           | 21652         | 0.06             | 7680               | 49800           | 22323           | 0.06             | 12000              | 90000           |
| 23814         | 0.06             | 4300               | 29900           | 18933         | 0.07             | 7680               | 49800           | 19048           | 0.07             | 12000              | 90000           |
| 20813         | 0.07             | 4300               | 29900           | 16888         | 0.08             | 7680               | 49800           | 16656           | 0.08             | 12000              | 90000           |
| 18119         | 0.08             | 4300               | 29900           | 14767         | 0.09             | 7680               | 49800           | 14722           | 0.10             | 12000              | 90000           |
| 15472         | 0.09             | 4300               | 29900           | 11348         | 0.12             | 7680               | 49800           | 12912           | 0.11             | 12000              | 90000           |
| 14022         | 0.10             | 4300               | 29900           | 8548          | 0.16             | 7680               | 49800           | 11656           | 0.12             | 12000              | 90000           |
| 12324         | 0.11             | 4300               | 29900           | 7674          | 0.18             | 7680               | 49800           | 10191           | 0.14             | 12000              | 90000           |
| 10838         | 0.13             | 4300               | 29900           | 6767          | 0.21             | 7680               | 49800           | 8831            | 0.16             | 12000              | 90000           |
| 9576          | 0.15             | 4300               | 29900           | 5954          | 0.24             | 7680               | 49800           | 7643            | 0.18             | 12000              | 90000           |
| 8318          | 0.17             | 4300               | 29900           | 5383          | 0.26             | 7640               | 49800           | 6715            | 0.21             | 12000              | 90000           |
| 7328          | 0.19             | 4300               | 29900           | 5223          | 0.27             | 7680               | 49800           | 5925            | 0.24             | 12000              | 90000           |
| 6469          | 0.22             | 4300               | 29900           | 4593          | 0.30             | 7840               | 49400           | 5153            | 0.27             | 12000              | 90000           |
| 6338          | 0.22             | 4300               | 29900           | 4567          | 0.31             | 7680               | 49800           | 4533            | 0.31             | 12000              | 90000           |
| 5680          | 0.25             | 4300               | 29900           | 4016          | 0.35             | 7840               | 49400           | 3926            | 0.36             | 12000              | 90000           |
| 5615          | 0.25             | 4300               | 29900           | 3948          | 0.35             | 7680               | 49800           | 3454            | 0.41             | 12000              | 90000           |
| 5016          | 0.28             | 4300               | 29900           | 3815          | 0.37             | 7840               | 49400           | 3031            | 0.46             | 12000              | 90000           |
| 4961          | 0.28             | 4300               | 29900           | 3521          | 0.40             | 7680               | 49800           | 2672            | 0.52             | 12000              | 90000           |
| 4367          | 0.32             | 4300               | 29900           | 3347          | 0.42             | 7840               | 49400           | 2357            | 0.59             | 12000              | 90000           |
| 4333          | 0.32             | 4300               | 29900           | 3037          | 0.46             | 7680               | 49800           | 2038            | 0.69             | 12000              | 90000           |
| 3914          | 0.36             | 4300               | 29900           | 2839          | 0.49             | 7840               | 49400           | 1784            | 0.78             | 12000              | 90000           |
| 3906          | 0.36             | 4300               | 29900           | 2756          | 0.51             | 7680               | 49800           | 1606            | 0.87             | 12000              | 90000           |
| 3357          | 0.42             | 4300               | 29900           | 2563          | 0.55             | 7840               | 49400           | 1390            | 1.0              | 12000              | 90000           |
| 3352          | 0.42             | 4300               | 29900           | 2369          | 0.59             | 7680               | 49800           | 1220            | 1.1              | 12000              | 90000           |
| 3009          | 0.47             | 4300               | 29900           | 2255          | 0.62             | 7840               | 49400           | 1077            | 1.3              | 12000              | 90000           |
| 2907          | 0.48             | 4300               | 29900           | 2129          | 0.66             | 7840               | 49400           | 930             | 1.5              | 12000              | 90000           |
| 2553          | 0.55             | 4300               | 29900           | 2068          | 0.68             | 7840               | 49400           | 820             | 1.7              | 12000              | 90000           |
| 2448          | 0.57             | 4300               | 29900           | 1826          | 0.77             | 7680               | 49800           | 727             | 1.9              | 12000              | 90000           |
| 2245          | 0.62             | 4300               | 29900           | 1813          | 0.77             | 7840               | 49400           | 648             | 2.2              | 12000              | 90000           |
| 2199          | 0.64             | 4300               | 29900           | 1597          | 0.88             | 7680               | 49800           | 549             | 2.6              | 12000              | 90000           |
| 1971          | 0.71             | 4300               | 29900           | 1590          | 0.88             | 7840               | 49400           | 495             | 2.8              | 12000              | 90000           |
| 1970          | 0.71             | 4300               | 29900           | 1436          | 0.97             | 7840               | 49400           | 428             | 3.3              | 12000              | 90000           |
| 1741          | 0.80             | 4300               | 29900           | 1401          | 1.0              | 7680               | 49800           | 376             | 3.7              | 12000              | 90000           |
| 1722          | 0.81             | 4300               | 29900           | 1263          | 1.1              | 7840               | 49400           |                 |                  |                    |                 |
| 1527          | 0.92             | 4300               | 29900           | 1243          | 1.1              | 7680               | 49800           |                 |                  |                    |                 |
| 1468          | 0.95             | 4300               | 29900           | 1193          | 1.2              | 7840               | 49400           |                 |                  |                    |                 |
| 1327          | 1.1              | 4300               | 29900           | 1084          | 1.3              | 7680               | 49800           |                 |                  |                    |                 |
| 1316          | 1.1              | 4300               | 29900           | 1015          | 1.4              | 7840               | 49400           |                 |                  |                    |                 |
| 1189          | 1.2              | 4300               | 29900           | 950           | 1.5              | 7680               | 49800           |                 |                  |                    |                 |
| 1171          | 1.2              | 4300               | 29900           | 923           | 1.5              | 7840               | 49400           |                 |                  |                    |                 |
| 1023          | 1.4              | 4300               | 29900           | 834           | 1.7              | 7680               | 49800           |                 |                  |                    |                 |
| 1022          | 1.4              | 4300               | 29900           | 800           | 1.8              | 7840               | 49400           |                 |                  |                    |                 |
| 898           | 1.6              | 4300               | 29900           | 736           | 1.9              | 7680               | 49800           |                 |                  |                    |                 |
| 892           | 1.6              | 4300               | 29900           | 696           | 2.0              | 7840               | 49400           |                 |                  |                    |                 |
| 784           | 1.8              | 4300               | 29900           | 644           | 2.2              | 7840               | 49400           |                 |                  |                    |                 |
| 760           | 1.8              | 4300               | 29900           | 640           | 2.2              | 7680               | 49800           |                 |                  |                    |                 |
| 690           | 2.0              | 4300               | 29900           | 591           | 2.4              | 7840               | 49400           |                 |                  |                    |                 |
| 667           | 2.1              | 4300               | 29900           | 560           | 2.5              | 7680               | 49800           |                 |                  |                    |                 |
| 605           | 2.3              | 4300               | 29900           | 518           | 2.7              | 7840               | 49400           |                 |                  |                    |                 |
| 569           | 2.5              | 4300               | 29900           | 491           | 2.9              | 7840               | 49400           |                 |                  |                    |                 |
| 529           | 2.6              | 4300               | 29900           | 489           | 2.9              | 7680               | 49800           |                 |                  |                    |                 |
| 510           | 2.7              | 4300               | 29900           | 436           | 3.2              | 7680               | 49800           |                 |                  |                    |                 |
| 473           | 3.0              | 4300               | 29900           | 430           | 3.3              | 7840               | 49400           |                 |                  |                    |                 |
| 467           | 3.0              | 4300               | 29900           | 387           | 3.6              | 7840               | 49400           |                 |                  |                    |                 |
| 406           | 3.4              | 4300               | 29900           | 370           | 3.8              | 7680               | 49800           |                 |                  |                    |                 |
| 403           | 3.5              | 4300               | 29900           | 340           | 4.1              | 7840               | 49400           |                 |                  |                    |                 |
| 363           | 3.9              | 4300               | 29900           | 333           | 4.2              | 7680               | 49800           |                 |                  |                    |                 |
| 361           | 3.9              | 4300               | 29900           | 300           | 4.7              | 7840               | 49400           |                 |                  |                    |                 |
| 317           | 4.4              | 4300               | 29900           | 291           | 4.8              | 7680               | 49800           |                 |                  |                    |                 |
| 285           | 4.9              | 4300               | 29900           | 266           | 5.3              | 7840               | 49400           |                 |                  |                    |                 |
| 275           | 5.1              | 4300               | 29900           | 255           | 5.5              | 7680               | 49800           |                 |                  |                    |                 |
| 245           | 5.7              | 4300               | 29900           | 225           | 6.2              | 7680               | 49800           |                 |                  |                    |                 |
| 242           | 5.8              | 4300               | 29900           | 190           | 7.4              | 7680               | 49800           |                 |                  |                    |                 |
| 208           | 6.7              | 4300               | 29900           |               |                  |                    |                 |                 |                  |                    |                 |
| 195           | 7.2              | 4300               | 29900           |               |                  |                    |                 |                 |                  |                    |                 |

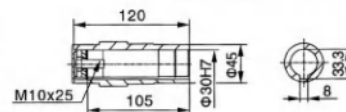


**F 127/ R87, F 157 R97       $n_a=1400$  r/min**

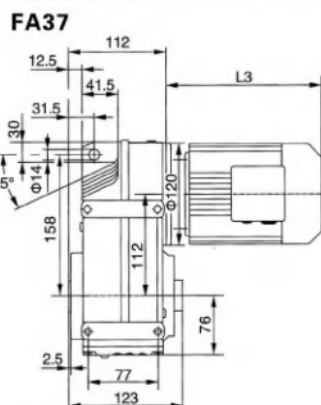
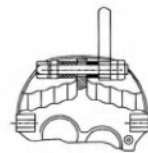
| F127R87      12000Nm |                  |                    |                 | F157R97      18000Nm |                  |                    |                 |
|----------------------|------------------|--------------------|-----------------|----------------------|------------------|--------------------|-----------------|
| i                    | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] | i                    | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{ra}$<br>[N] |
| 483                  | 2.9              | 12000              | 90000           | 31434                | 0.04             | 18000              | 100300          |
| 418                  | 3.3              | 12000              | 90000           | 26173                | 0.05             | 18000              | 100300          |
| 374                  | 3.7              | 12000              | 90000           | 23464                | 0.06             | 18000              | 100300          |
| 312                  | 4.5              | 12000              | 90000           | 20212                | 0.07             | 18000              | 100300          |
| 293                  | 4.8              | 12000              | 90000           | 17984                | 0.08             | 18000              | 100300          |
| 259                  | 5.4              | 12000              | 90000           | 16358                | 0.09             | 18000              | 100300          |
| 223                  | 6.3              | 12000              | 90000           | 13751                | 0.10             | 18000              | 100300          |
| 198                  | 7.1              | 12000              | 90000           | 12235                | 0.11             | 18000              | 100300          |
| 166                  | 8.4              | 12000              | 90000           | 10033                | 0.14             | 18000              | 100300          |
|                      |                  |                    |                 | 9021                 | 0.16             | 18000              | 100300          |
|                      |                  |                    |                 | 8026                 | 0.17             | 18000              | 100300          |
|                      |                  |                    |                 | 7075                 | 0.20             | 18000              | 100300          |
|                      |                  |                    |                 | 6295                 | 0.22             | 18000              | 100300          |
|                      |                  |                    |                 | 5404                 | 0.26             | 18000              | 100300          |
|                      |                  |                    |                 | 4831                 | 0.29             | 18000              | 100300          |
|                      |                  |                    |                 | 4130                 | 0.34             | 18000              | 100300          |
|                      |                  |                    |                 | 3607                 | 0.39             | 18000              | 100300          |
|                      |                  |                    |                 | 3210                 | 0.44             | 18000              | 100300          |
|                      |                  |                    |                 | 2780                 | 0.50             | 18000              | 100300          |
|                      |                  |                    |                 | 2427                 | 0.58             | 18000              | 100300          |
|                      |                  |                    |                 | 2185                 | 0.64             | 18000              | 100300          |
|                      |                  |                    |                 | 1944                 | 0.72             | 18000              | 100300          |
|                      |                  |                    |                 | 1674                 | 0.84             | 18000              | 100300          |
|                      |                  |                    |                 | 1441                 | 0.97             | 18000              | 100300          |
|                      |                  |                    |                 | 1308                 | 1.1              | 18000              | 100300          |
|                      |                  |                    |                 | 1169                 | 1.2              | 18000              | 100300          |
|                      |                  |                    |                 | 953                  | 1.5              | 18000              | 100300          |
|                      |                  |                    |                 | 845                  | 1.7              | 18000              | 100300          |
|                      |                  |                    |                 | 764                  | 1.8              | 18000              | 100300          |
|                      |                  |                    |                 | 680                  | 2.1              | 18000              | 100300          |
|                      |                  |                    |                 | 576                  | 2.4              | 18000              | 100300          |
|                      |                  |                    |                 | 503                  | 2.8              | 18000              | 100300          |
|                      |                  |                    |                 | 446                  | 3.1              | 18000              | 100300          |
|                      |                  |                    |                 | 353                  | 4.0              | 18000              | 100300          |
|                      |                  |                    |                 | 302                  | 4.6              | 18000              | 100300          |
|                      |                  |                    |                 | 273                  | 5.1              | 18000              | 100300          |
|                      |                  |                    |                 | 232                  | 6.0              | 18000              | 100300          |
|                      |                  |                    |                 | 202                  | 6.9              | 18000              | 100300          |
|                      |                  |                    |                 | 197                  | 7.1              | 18000              | 100300          |



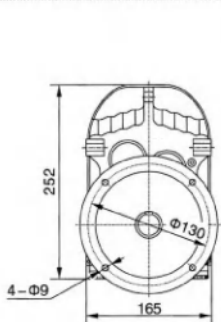
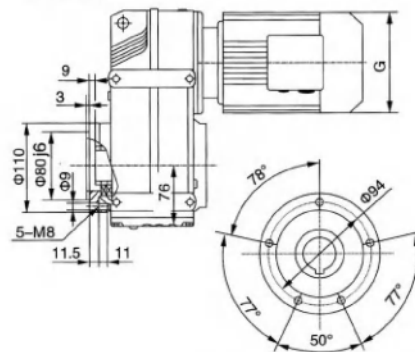
**FA37/FAF37/FAZ37空心轴**  
**/Hollow shaft**



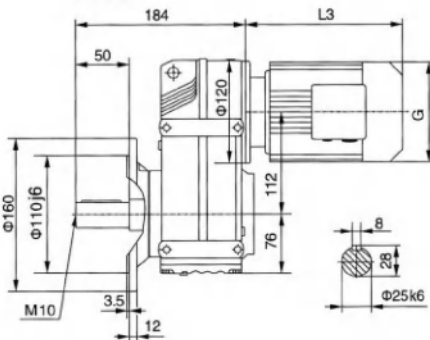
**F..T37**



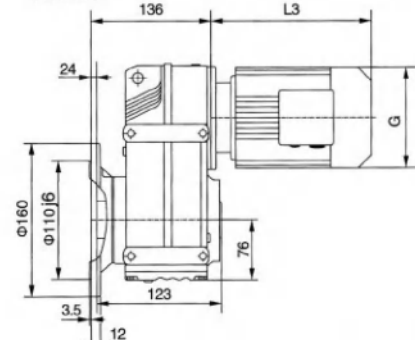
FAZ37



FF37

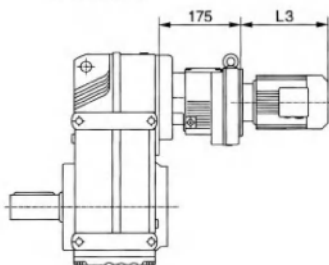


FAF37

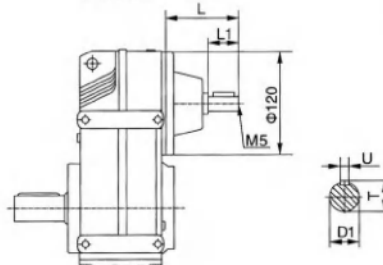


电机需方配或配特殊电机时  
需加联接法兰

**F..37R17**



F..S37

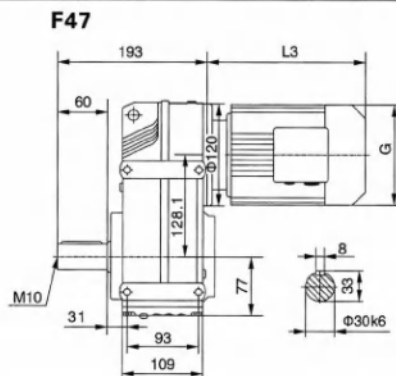
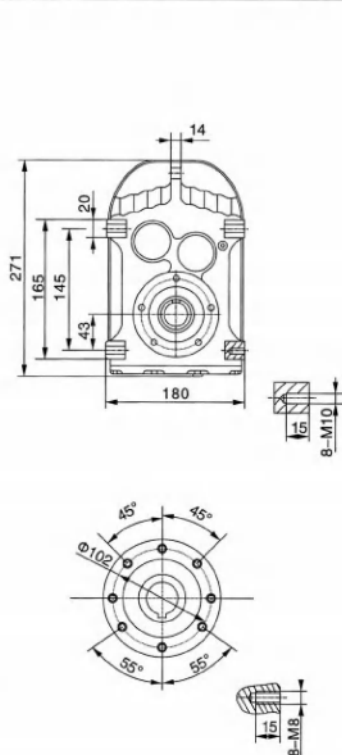


When equipping the user's motor or the special one, the flange is required to be connected.

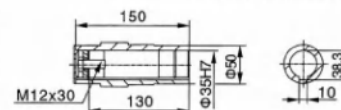
|                                    |      |      |      |      |      |     |     |     |     |  |
|------------------------------------|------|------|------|------|------|-----|-----|-----|-----|--|
| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71   |      | 80   |      | 90S | 90L | 100 |     |  |
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.1 | 1.5 | 2.2 | 3.0 |  |
| L3                                 | 235  | 245  |      | 278  |      | 304 | 328 | 340 |     |  |
| G                                  | 130  | 145  |      | 175  |      | 195 | 195 | 215 |     |  |
| L2                                 | 45   | 92   |      | 80   |      | 80  | 80  | 80  |     |  |

注: 1. 以上壳体为通用件, 安装尺寸均可相互参照。 2. "F.."表示F、FA、FF、FAF、FAZ。

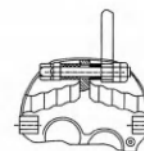
Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.



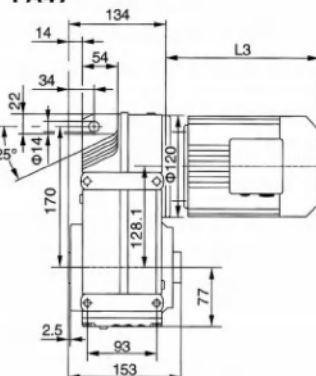
**FA47/FAF47/FAZ47空心轴  
/Hollow shaft**



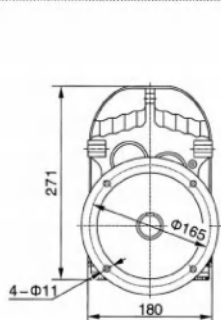
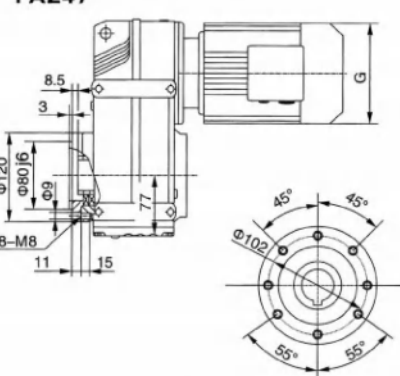
**F..T47**



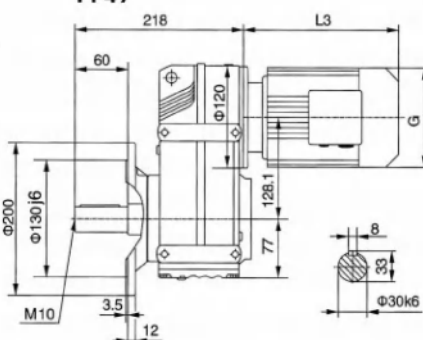
**FA47**



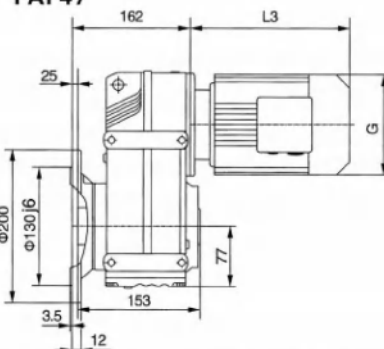
**FAZ47**



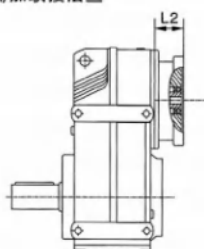
**FF47**



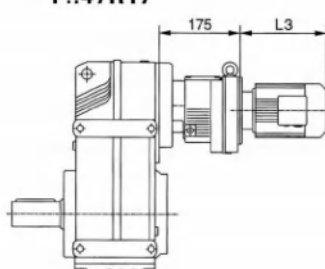
**FAF47**



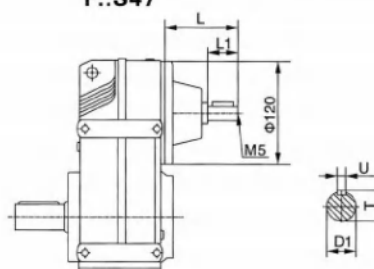
电机需方配或配特殊电机时  
需加联接法兰



**F..47R17**



**F..S47**



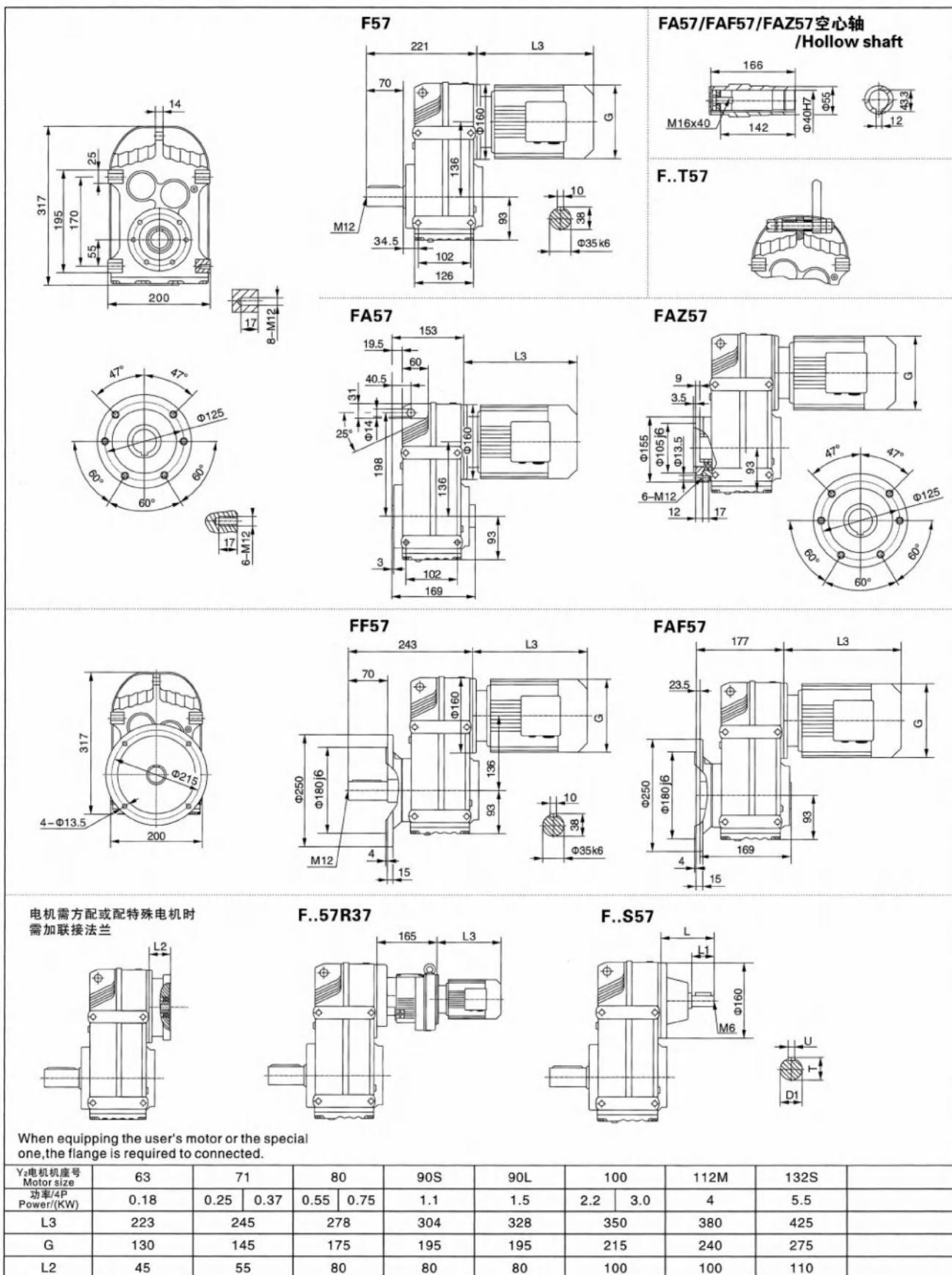
When equipping the user's motor or the special one, the flange is required to be connected.

| Y <sub>2</sub> 电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100     |  |
|------------------------------------|------|-----------|-----------|-----|-----|---------|--|
| 功率/4P<br>Power/(KW)                | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 |  |
| L3                                 | 235  | 245       | 278       | 304 | 328 | 340     |  |
| G                                  | 130  | 145       | 175       | 195 | 195 | 215     |  |
| L2                                 | 45   | 92        | 80        | 80  | 80  | 80      |  |

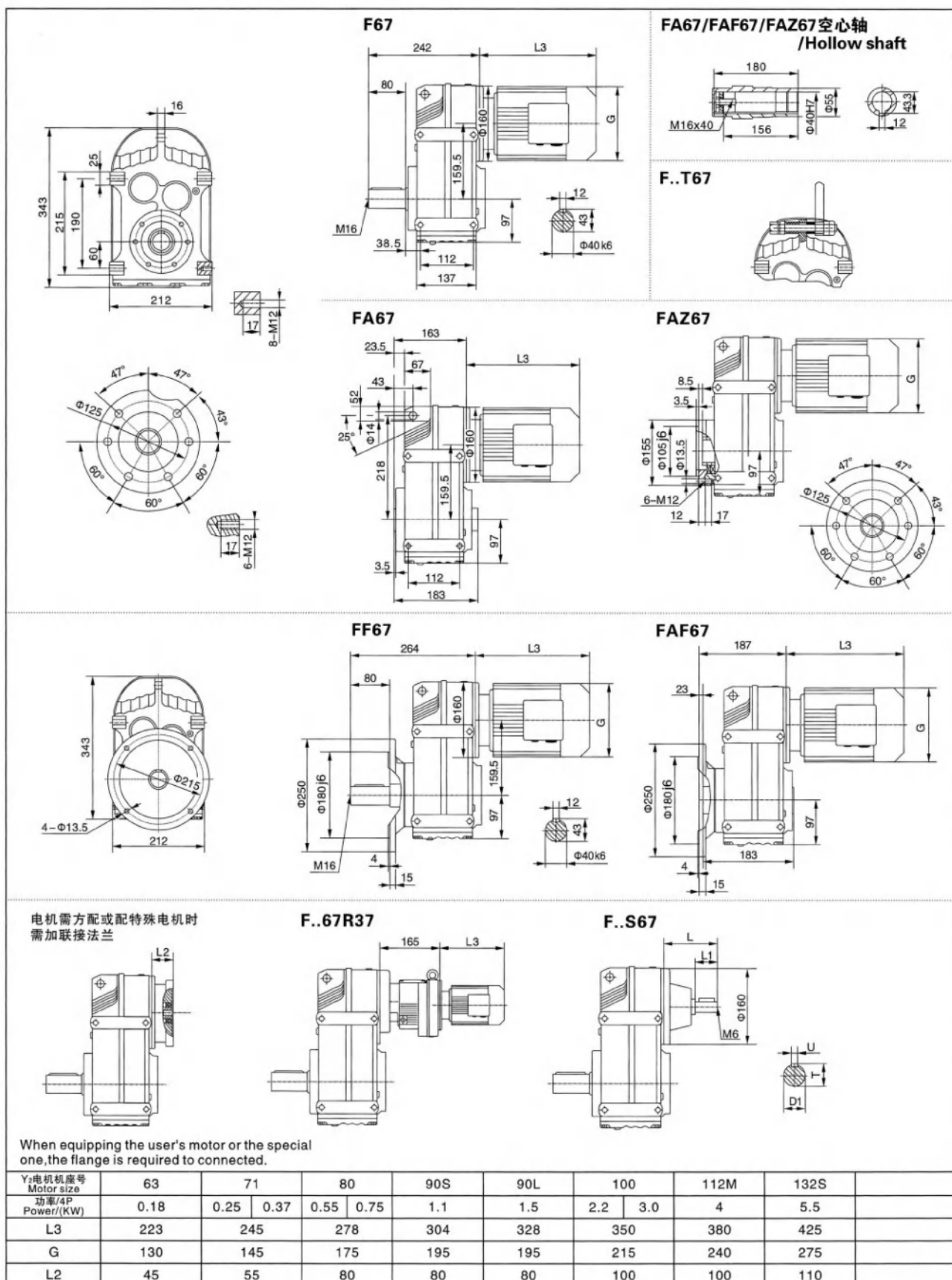
注: 1. 以上壳体为通用件, 安装尺寸均可相互参照。 2. "F.."表示F、FA、FF、FAF、FAZ。

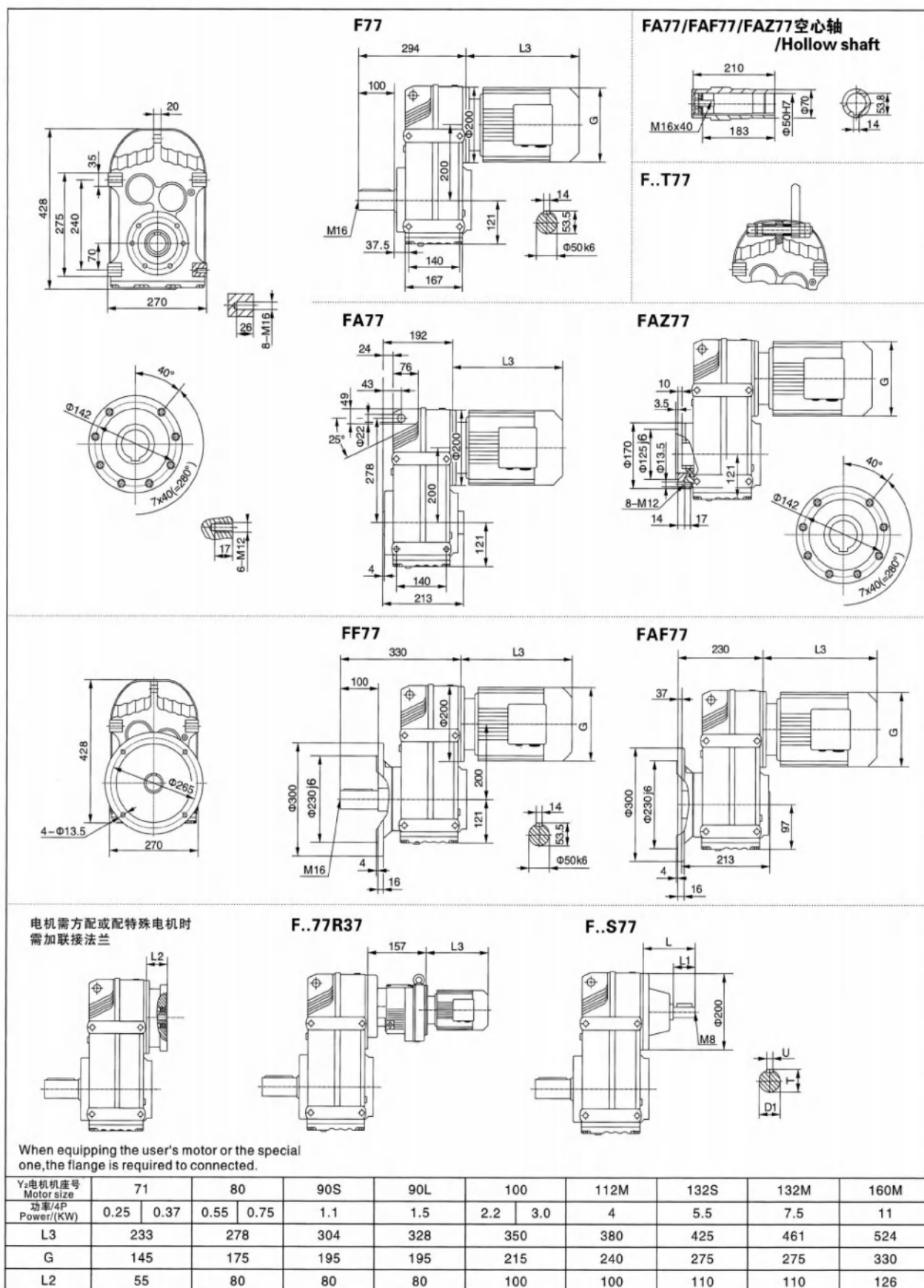
Note: 1. The above housings are common parts. The mounting dimensions may consult each other. 2. "F.."mean F、FA、FF、FAF、FAZ.



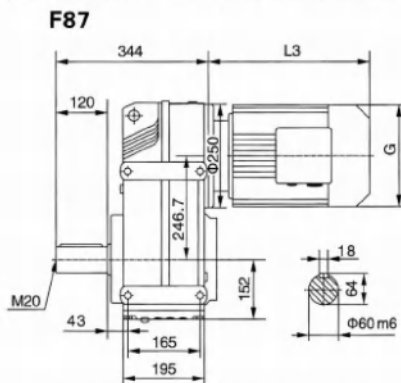
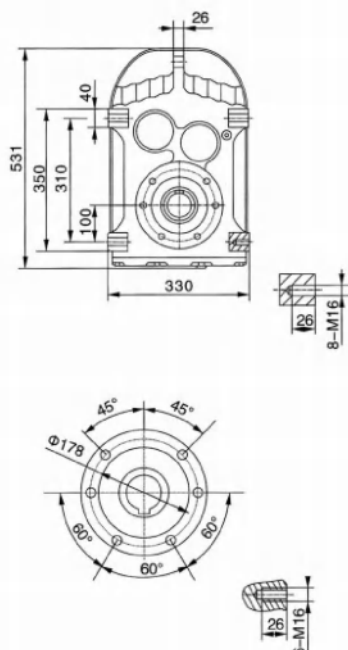


Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

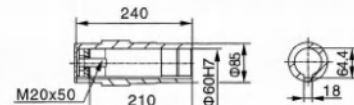




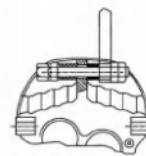




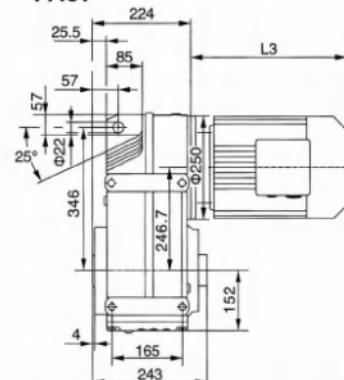
### FA87/FAF87/FAZ87空心轴 /Hollow shaft



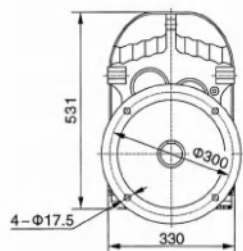
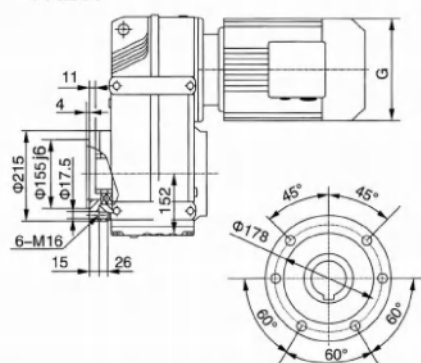
### F..T87



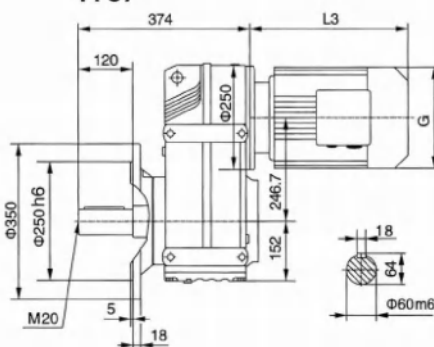
### FA87



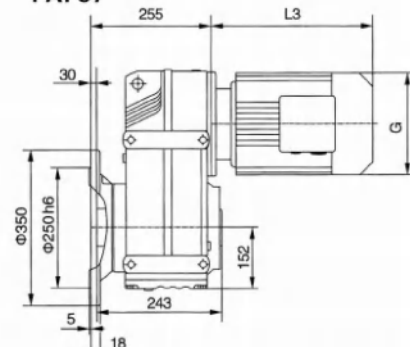
### FAZ87



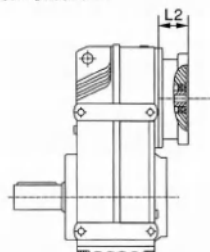
### FF87



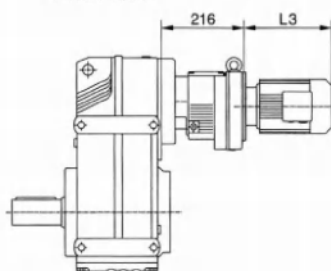
### FAF87



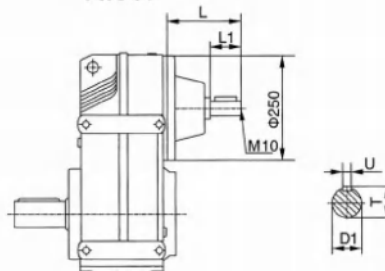
电机需方配或配特殊电机时  
需加联接法兰



### F..87R57



### F..S87

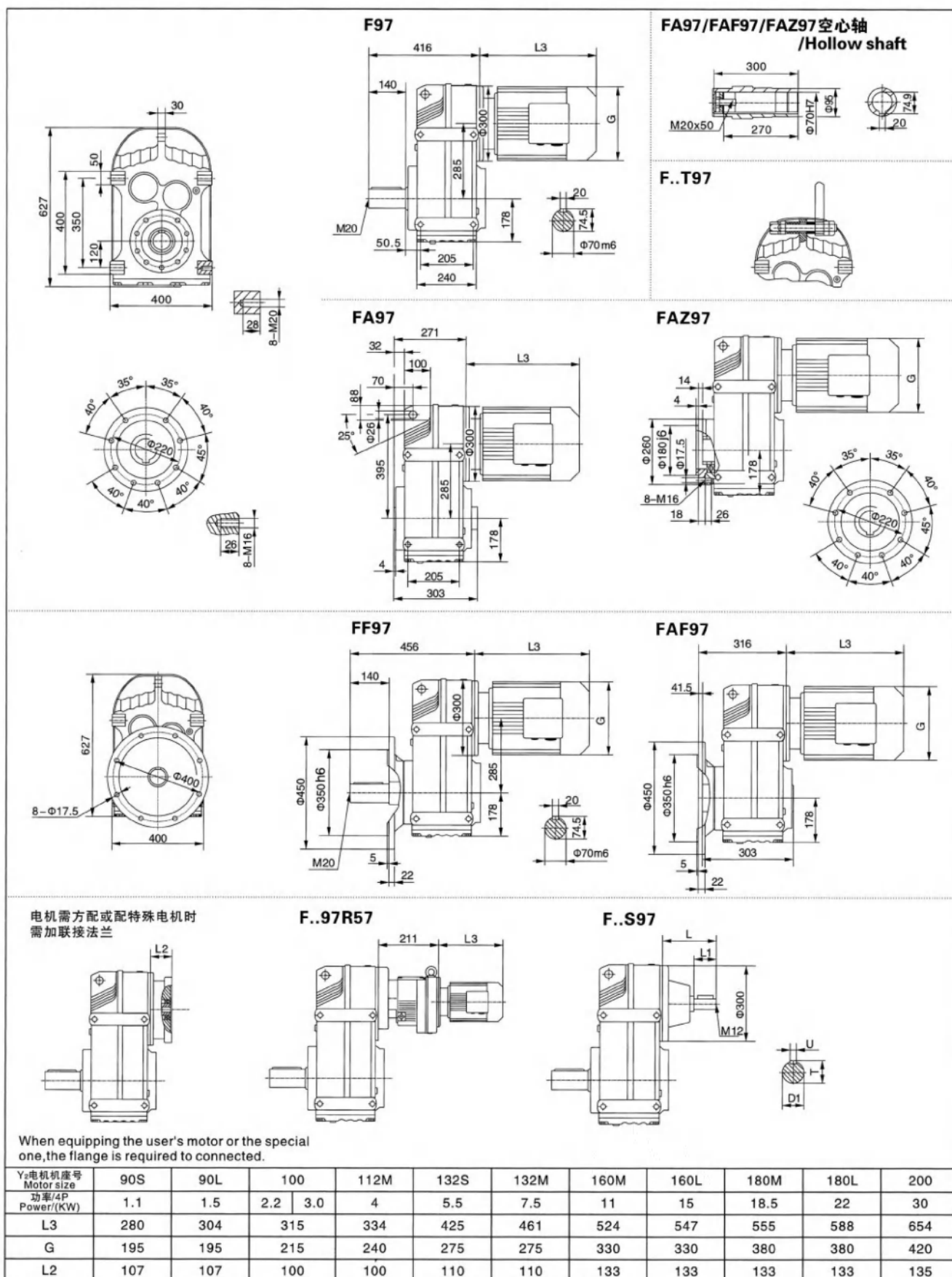


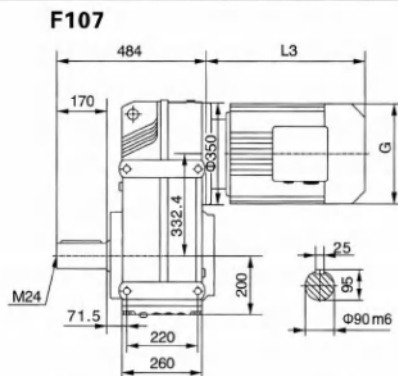
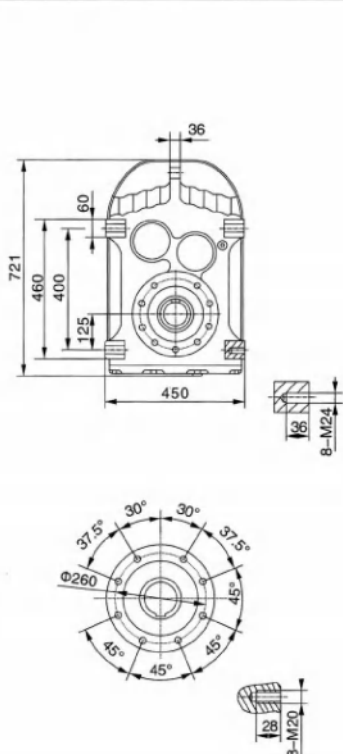
When equipping the user's motor or the special one, the flange is required to be connected.

| Y:电机座号<br>Motor size | 80   | 90S | 90L | 100 | 112M | 132S | 132M | 160M | 160L | 180M | 180L |
|----------------------|------|-----|-----|-----|------|------|------|------|------|------|------|
| 功率/4P<br>Power/(KW)  | 0.75 | 1.1 | 1.5 | 2.2 | 3.0  | 4    | 5.5  | 7.5  | 11   | 15   | 22   |
| L3                   | 246  | 280 | 304 | 350 | 380  | 425  | 461  | 524  | 547  | 583  | 616  |
| G                    | 175  | 195 | 195 | 215 | 240  | 275  | 275  | 330  | 330  | 380  | 380  |
| L2                   | 80   | 80  | 80  | 100 | 100  | 110  | 110  | 133  | 133  | 133  | 133  |

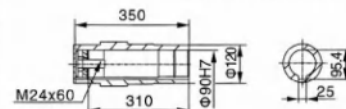
注: 1.以上壳体为通用件, 安装尺寸均可相互参照。 2."F.."表示F、FA、FF、FAF、FAZ。

Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.

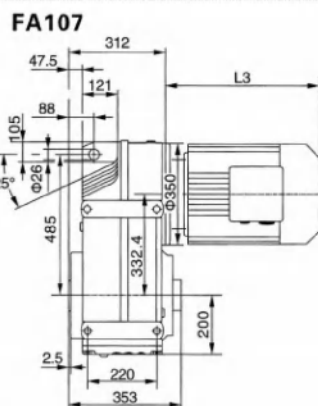
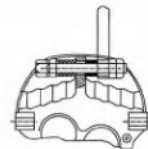




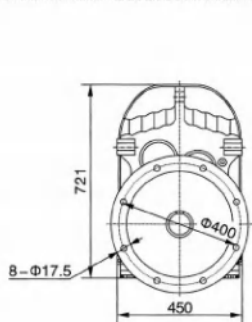
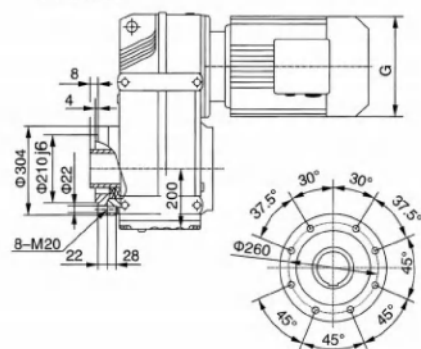
**FA107/FAF107/FAZ107空心轴**  
**/Hollow shaft**



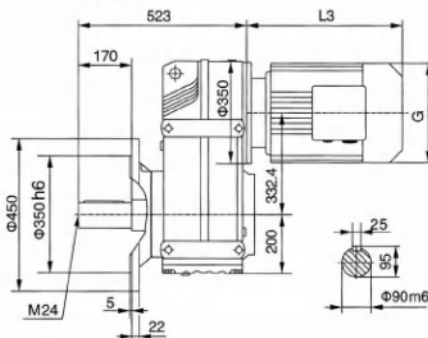
F..T107



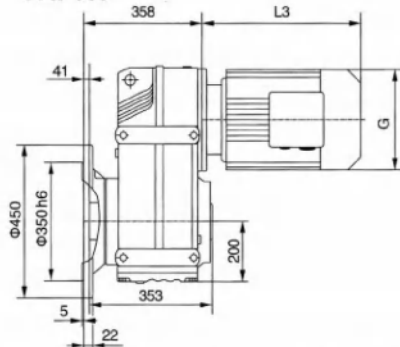
FAZ107



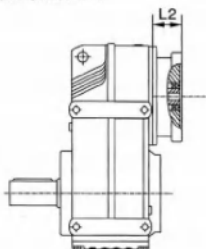
FF107



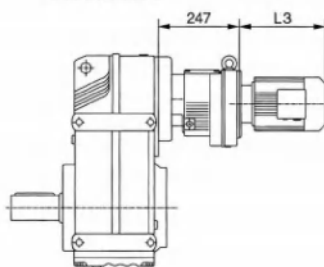
FAF107



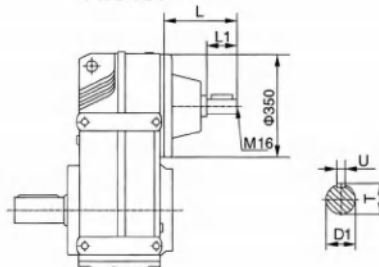
电机需方配或配特殊电机时  
需加联接法兰



F..107R77



**F..S107**



When equipping the user's motor or the special one, the flange is required to be connected.

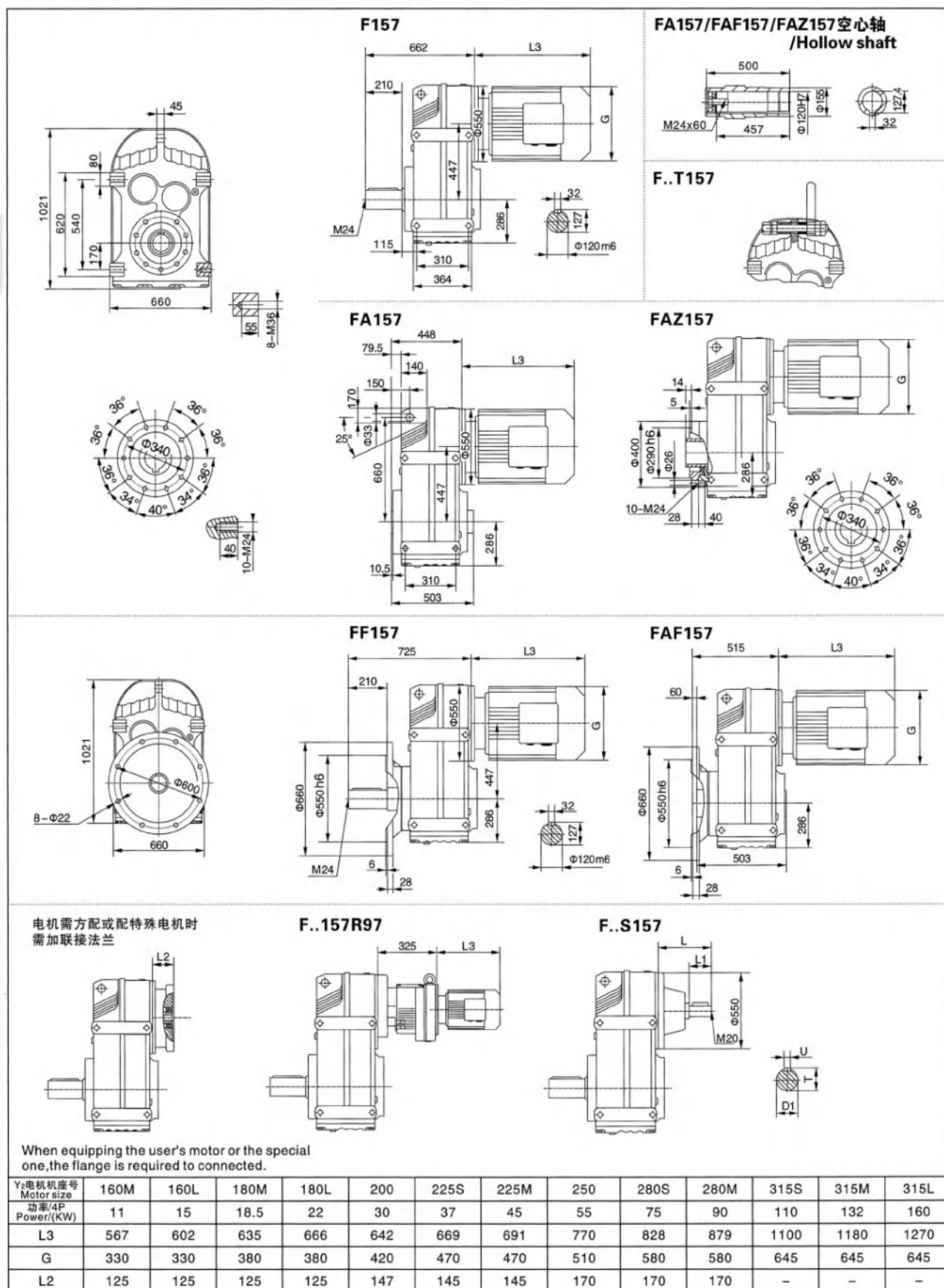
| Y <sub>2</sub> 电机座号<br>Motor size | 100 |     | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200 | 225S | 225M |
|-----------------------------------|-----|-----|------|------|------|------|------|------|------|-----|------|------|
| 功率/4P<br>Power/(KW)               | 2.2 | 3.0 | 4    | 5.5  | 7.5  | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   |
| L3                                | 318 |     | 334  | 386  | 422  | 504  | 519  | 555  | 588  | 654 | 680  | 702  |
| G                                 | 215 |     | 240  | 275  | 275  | 330  | 330  | 380  | 380  | 420 | 470  | 470  |
| L2                                | 100 |     | 100  | 110  | 110  | 133  | 133  | 133  | 133  | 135 | 143  | 143  |

注: 1. 以上壳体为通用件, 安装尺寸均可相互参照。 2. "F.."表示F、FA、FF、FAF、FAZ。

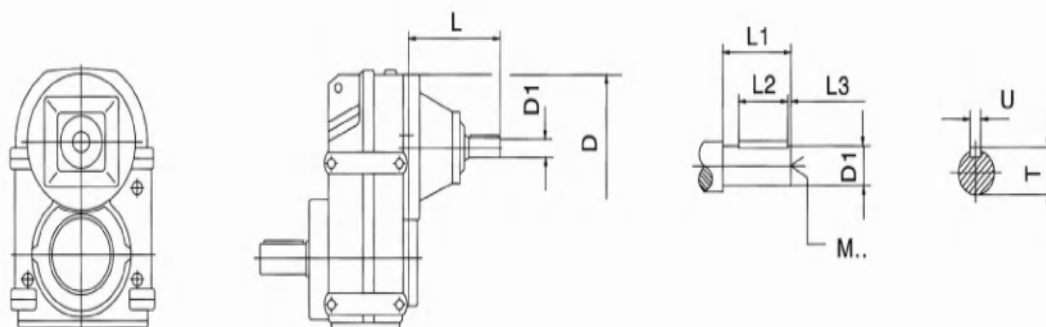
Note: 1.The above housings are common parts. The mounting dimensions may consult each other. 2."F.."mean F、FA、FF、FAF、FAZ.







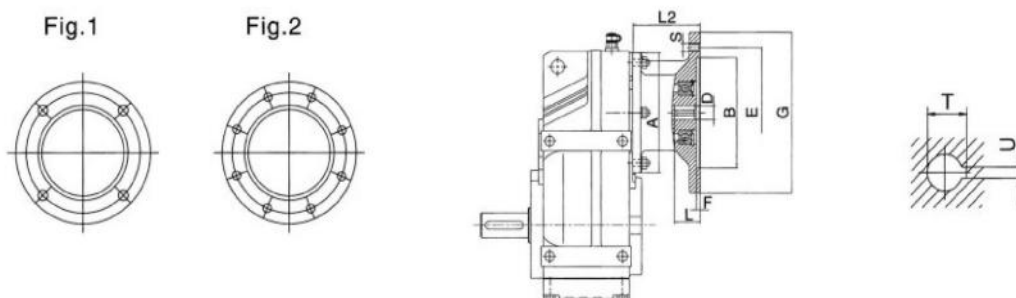
# F..AD



|                         |     | D   | L   | D1 | L1  | L3 | L2  | T    | U  | M   |
|-------------------------|-----|-----|-----|----|-----|----|-----|------|----|-----|
| F..27<br>F..37<br>F..47 | Ad1 | 120 | 102 | 16 | 40  | 4  | 32  | 18   | 5  | M5  |
|                         | AD2 |     | 130 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
| F..57<br>F..67          | AD2 | 160 | 123 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 159 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
| F..77                   | AD2 | 200 | 116 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 151 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
|                         | AD4 |     | 224 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
| F..87                   | AD2 | 250 | 111 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                         | AD3 |     | 156 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                         | AD4 |     | 219 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 292 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
| F..97                   | AD3 | 300 | 151 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                         | AD4 |     | 214 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 287 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 327 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| F..107                  | AD3 | 350 | 145 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                         | AD4 |     | 208 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 281 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 321 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| F..127                  | AD4 | 450 | 193 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                         | AD5 |     | 266 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 306 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                         | AD7 |     | 300 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                         | AD8 |     | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| F..157                  | AD5 | 550 | 258 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                         | AD6 |     | 298 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                         | AD7 |     | 292 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                         | AD8 |     | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |

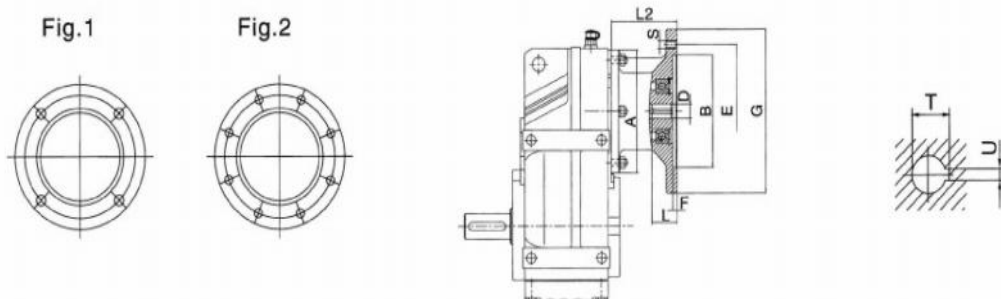


# F..AM..



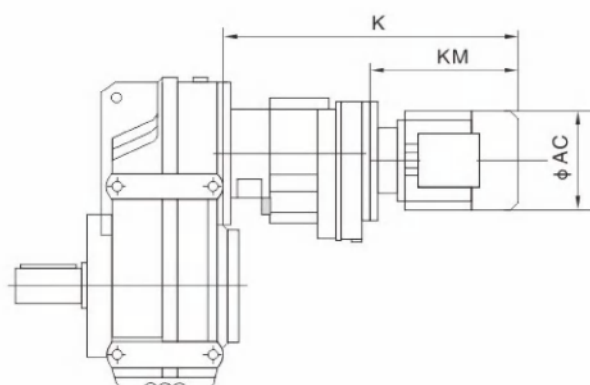
|                |                                              | Fig. | B   | E   | F   | A   | G   | S   | L2   | D    | L1   | T    | U  |
|----------------|----------------------------------------------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|----|
| F..37<br>F..47 | AM63                                         | 1    | 95  | 115 | 3.5 | 120 | 140 | M8  | 45   | 11   | 23   | 12.8 | 4  |
|                | AM71 <sup>1)</sup>                           |      | 110 | 130 |     |     | 160 |     | 92   | 14   | 30   | 16.3 | 5  |
|                | AM80 <sup>1)</sup>                           |      | 130 | 165 | 4.5 |     | 200 | M10 | 80   | 19   | 40   | 21.8 | 6  |
|                | AM90 <sup>1)</sup>                           |      |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |
| F..57<br>F..67 | AM63                                         | 1    | 95  | 115 | 3.5 | 160 | 140 | M8  | 45   | 11   | 23   | 12.8 | 4  |
|                | AM71                                         |      | 110 | 130 |     |     | 160 |     | 55   | 14   | 30   | 16.3 | 5  |
|                | AM80                                         |      | 130 | 165 | 4.5 |     | 200 | M10 | 80   | 19   | 40   | 21.8 | 6  |
|                | AM90                                         |      |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |
|                | AM100 <sup>1)</sup>                          |      | 180 | 215 | 5   |     | 250 | M12 | 100  | 28   | 60   | 31.3 | 8  |
|                | AM112 <sup>1)</sup>                          |      |     |     |     |     |     |     |      |      |      |      |    |
| F..77          | AM63                                         | 1    | 95  | 115 | 3.5 | 200 | 140 | M8  | 45   | 11   | 23   | 12.8 | 4  |
|                | AM71                                         |      | 110 | 130 |     |     | 160 |     | 55   | 14   | 30   | 16.3 | 5  |
|                | AM80                                         |      | 130 | 165 | 4.5 |     | 200 | M10 | 80   | 19   | 40   | 21.8 | 6  |
|                | AM90                                         |      |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |
|                | AM100 <sup>1)</sup>                          |      | 180 | 215 | 5   |     | 250 | M12 | 100  | 28   | 60   | 31.3 | 8  |
|                | AM112 <sup>1)</sup>                          |      |     |     |     |     |     |     |      |      |      |      |    |
|                | AM132S <sup>1)</sup><br>AM132M <sup>1)</sup> |      | 230 | 265 | 5   |     | 300 | M12 | 110  | 38   | 80   | 41.3 | 10 |
|                | AM132ML <sup>1)</sup>                        |      |     |     |     |     |     |     |      |      |      |      |    |
| F..87          | AM80                                         | 1    | 130 | 165 | 4.5 | 250 | 200 | M10 | 80   | 19   | 40   | 21.8 | 6  |
|                | AM90                                         |      |     |     |     |     |     |     | 24   | 50   | 27.3 | 8    |    |
|                | AM100                                        |      | 180 | 215 | 5   |     | 250 | M12 | 100  | 28   | 60   | 31.3 | 8  |
|                | AM112                                        |      |     |     |     |     |     |     |      |      |      |      |    |
|                | AM132S<br>AM132M                             |      | 230 | 265 | 5   |     | 300 | M12 | 110  | 38   | 80   | 41.3 | 10 |
|                | AM132ML                                      |      |     |     |     |     |     |     |      |      |      |      |    |
|                | AM160 <sup>1)</sup><br>AM180 <sup>1)</sup>   |      | 250 | 300 | 6   |     | 350 | M16 | 133  | 42   | 110  | 45.3 | 12 |
|                | 48                                           |      |     |     |     |     |     |     | 51.8 | 14   |      |      |    |
| F..97          | AM100                                        | 1    | 180 | 215 | 5   | 300 | 250 | M12 | 100  | 28   | 60   | 31.3 | 8  |
|                | AM112                                        |      |     |     |     |     |     |     |      |      |      |      |    |
|                | AM132S<br>AM132M                             |      | 230 | 265 | 5   |     | 300 | M12 | 110  | 38   | 80   | 41.3 | 10 |
|                | AM132ML                                      |      |     |     |     |     |     |     |      |      |      |      |    |
|                | AM160                                        |      | 250 | 300 | 6   |     | 350 | M16 | 133  | 42   | 110  | 45.3 | 12 |
|                | AM180                                        |      |     |     |     |     |     |     | 48   | 51.8 |      | 14   |    |
|                | AM200                                        |      | 300 | 350 | 7   |     | 400 | 135 | 55   | 59.3 |      | 16   |    |
|                | AM225 <sup>1)</sup>                          | 2    | 350 | 400 |     |     | 450 | 143 | 60   | 140  | 64.4 | 18   |    |

F..AM..



|        |                  | Fig. | B   | E   | F   | A   | G   | S   | L2  | D    | L1   | T    | U    |      |      |
|--------|------------------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| F..107 | AM100            | 1    | 180 | 215 | 5   | 350 | 250 | M12 | 100 | 28   | 60   | 31.3 | 8    |      |      |
|        | AM112            |      |     |     |     |     | 110 |     | 38  | 80   | 41.3 | 10   |      |      |      |
|        | AM132S<br>AM132M |      | 230 | 265 | 6   |     |     | 350 |     |      |      |      | M16  | 133  | 42   |
|        | AM132ML          |      |     |     |     |     | 400 | 135 | 48  | 51.8 | 14   |      |      |      |      |
|        | AM160            |      | 2   | 250 | 300 |     | 7   |     | 450 | 143  | 55   | 140  |      | 59.3 | 16   |
|        | AM180            |      |     |     |     |     |     |     | 450 | 143  | 60   |      |      | 64.4 | 18   |
|        | AM200            |      |     |     |     |     |     |     | 450 | 143  | 60   |      |      | 64.4 | 18   |
|        | AM225            | 450  |     |     |     |     |     |     | 143 | 60   | 64.4 |      |      | 18   |      |
| F..127 | AM132S<br>AM132M | 1    | 230 | 265 | 5   | 450 | 300 | M12 | 125 | 38   | 80   | 41.3 | 10   |      |      |
|        | AM132ML          |      |     |     |     |     | 350 | M16 | 125 | 42   | 110  | 45.3 | 12   |      |      |
|        | AM160            |      | 250 | 300 | 6   |     |     |     | 400 | 147  |      | 48   | 51.8 | 14   |      |
|        | AM180            |      |     |     |     |     | 450 |     | 162 | 55   | 140  | 59.3 | 16   |      |      |
|        | AM200            | 2    | 350 | 400 | 7   |     | 550 |     | 170 | 60   |      | 64.4 | 18   |      |      |
|        | AM225            |      |     |     |     |     | 550 |     | 170 | 65   |      | 69.4 | 20   |      |      |
|        | AM250            |      |     |     |     |     | 550 |     | 170 | 75   |      | 79.9 | 20   |      |      |
|        | AM280            |      |     |     |     |     | 550 |     | 170 | 75   |      | 79.9 | 20   |      |      |
| F..157 | AM160            | 1    | 250 | 300 | 6   | 550 | 350 | M16 | 125 | 42   | 110  | 45.3 | 12   |      |      |
|        | AM180            |      |     |     |     |     | 147 |     | 55  | 140  |      | 51.8 | 14   |      |      |
|        | AM200            |      |     |     |     |     |     |     |     |      |      | 400  | 145  | 60   | 59.3 |
|        | AM225            | 2    | 350 | 400 | 7   |     | 450 |     | 170 |      | 65   | 64.4 | 18   |      |      |
|        | AM250            |      |     |     |     |     | 550 |     |     | 75   | 69.4 | 20   |      |      |      |
|        | AM280            |      |     |     |     |     | 550 |     |     | 75   | 79.9 | 20   |      |      |      |

# F..R..



|                      |       | AC  | K   | KM  |
|----------------------|-------|-----|-----|-----|
| F..37R17<br>F..47R17 | D63.. | 138 | 368 | 193 |
|                      | D71D  | 158 | 369 | 194 |
|                      | D80.. | 168 | 419 | 244 |
| F..57R37             | D63.. | 138 | 386 | 221 |
|                      | D71D  | 158 | 404 | 239 |
|                      | D80.. | 168 | 436 | 271 |
| F..67R37             | D63.. | 138 | 386 | 221 |
|                      | D71D  | 158 | 404 | 239 |
|                      | D80.. | 168 | 436 | 271 |
|                      | D90.. | 195 | 479 | 314 |
| F..77R37             | D63.. | 138 | 378 | 221 |
|                      | D71D  | 158 | 396 | 239 |
|                      | D80.. | 168 | 428 | 271 |
|                      | D90.. | 195 | 471 | 314 |
| F..87R57             | D63.. | 138 | 432 | 216 |
|                      | D71D  | 158 | 450 | 234 |
|                      | D80.. | 168 | 481 | 265 |
|                      | D90.. | 195 | 525 | 309 |
|                      | D100M | 218 | 542 | 326 |
|                      | D100L | 218 | 542 | 326 |
| F..97R57             | D63.. | 138 | 427 | 216 |
|                      | D71D  | 158 | 445 | 234 |
|                      | D80.. | 168 | 476 | 265 |
|                      | D90.. | 195 | 520 | 309 |
|                      | D100M | 218 | 537 | 326 |
|                      | D100L | 218 | 537 | 326 |
|                      | D112M | 240 | 593 | 382 |
| F..107R77            | D63.. | 138 | 457 | 210 |
|                      | D71D  | 158 | 475 | 228 |
|                      | D80.. | 168 | 506 | 259 |
|                      | D90.. | 195 | 548 | 301 |
|                      | D100M | 218 | 565 | 318 |
|                      | D100L | 218 | 565 | 318 |
|                      | D112M | 240 | 620 | 373 |
|                      | D132S | 275 | 655 | 408 |

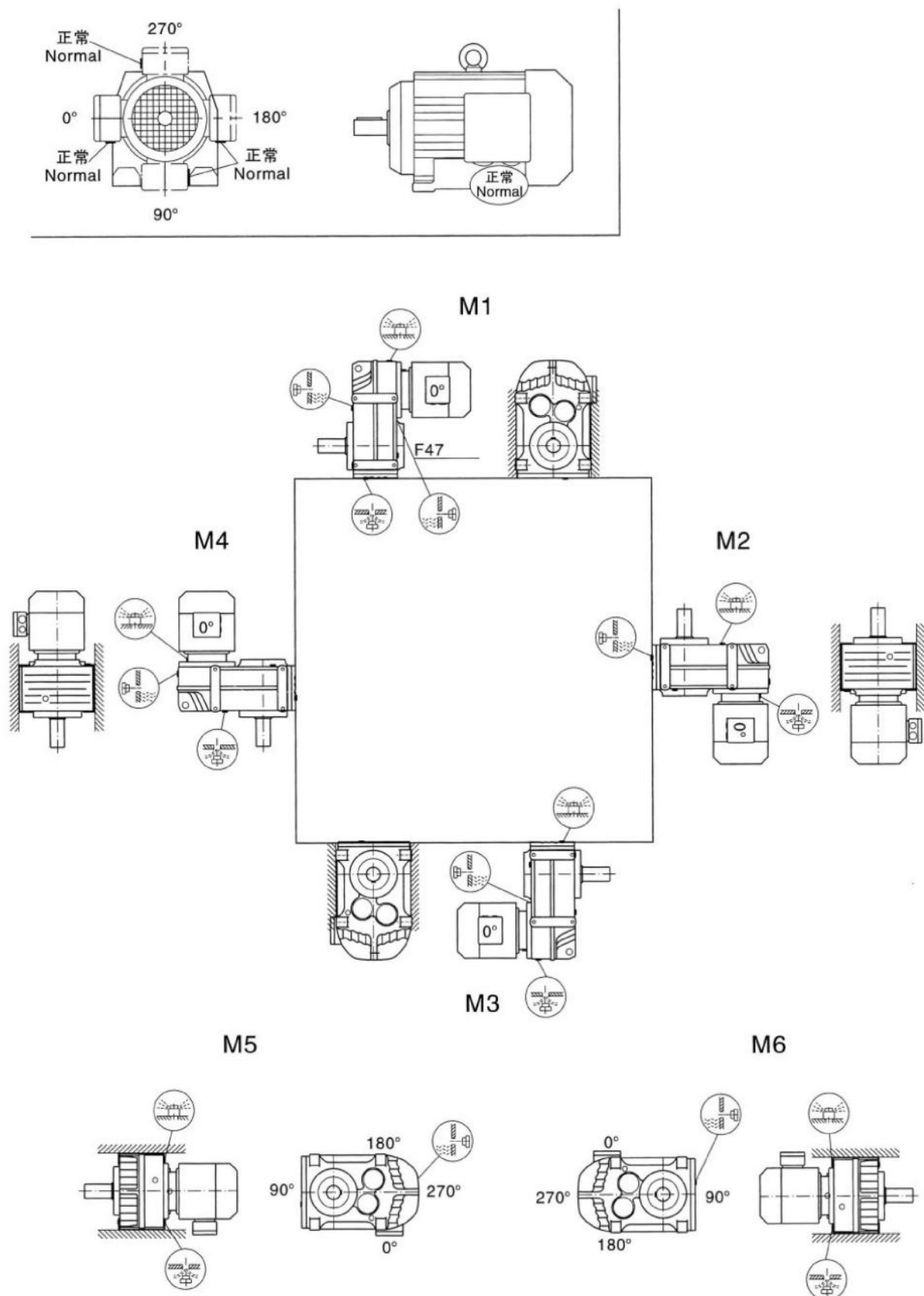
|           |        | AC  | K    | KM  |
|-----------|--------|-----|------|-----|
| F..107R77 | D132M  | 275 | 655  | 408 |
|           | D132ML | 275 | 655  | 408 |
|           | D160M  | 330 | 756  | 509 |
| F..127R77 | D63..  | 138 | 442  | 210 |
|           | D71D   | 158 | 460  | 228 |
|           | D80..  | 168 | 491  | 259 |
|           | D90..  | 195 | 533  | 301 |
|           | D100M  | 218 | 550  | 318 |
|           | D100L  | 218 | 550  | 318 |
|           | D112M  | 240 | 605  | 373 |
|           | D132S  | 275 | 640  | 408 |
|           | D132M  | 275 | 640  | 408 |
|           | D132ML | 275 | 640  | 408 |
|           | D160M  | 330 | 741  | 509 |
|           | D90..  | 195 | 577  | 297 |
| F..127R87 | D100M  | 218 | 594  | 314 |
|           | D100L  | 218 | 594  | 314 |
|           | D112M  | 240 | 648  | 368 |
|           | D132S  | 275 | 683  | 403 |
|           | D132M  | 275 | 683  | 403 |
|           | D132ML | 275 | 683  | 403 |
|           | D160M  | 330 | 784  | 504 |
|           | D160L  | 330 | 828  | 548 |
|           | D180.. | 380 | 855  | 575 |
|           | D80..  | 168 | 579  | 254 |
| F..157R97 | D90..  | 195 | 616  | 291 |
|           | D100M  | 218 | 633  | 308 |
|           | D100L  | 218 | 633  | 308 |
|           | D112M  | 240 | 688  | 363 |
|           | D132S  | 275 | 723  | 398 |
|           | D132M  | 275 | 723  | 398 |
|           | D132ML | 275 | 723  | 398 |
|           | D160M  | 330 | 824  | 499 |
|           | D160L  | 330 | 868  | 543 |
|           | D180.. | 380 | 895  | 570 |
|           | D200.. | 420 | 1025 | 700 |
|           | D80..  | 168 | 579  | 254 |

注：上表中电机尺寸为参考尺寸，因空间限制对电机尺寸有严格要求时请向我公司咨询。

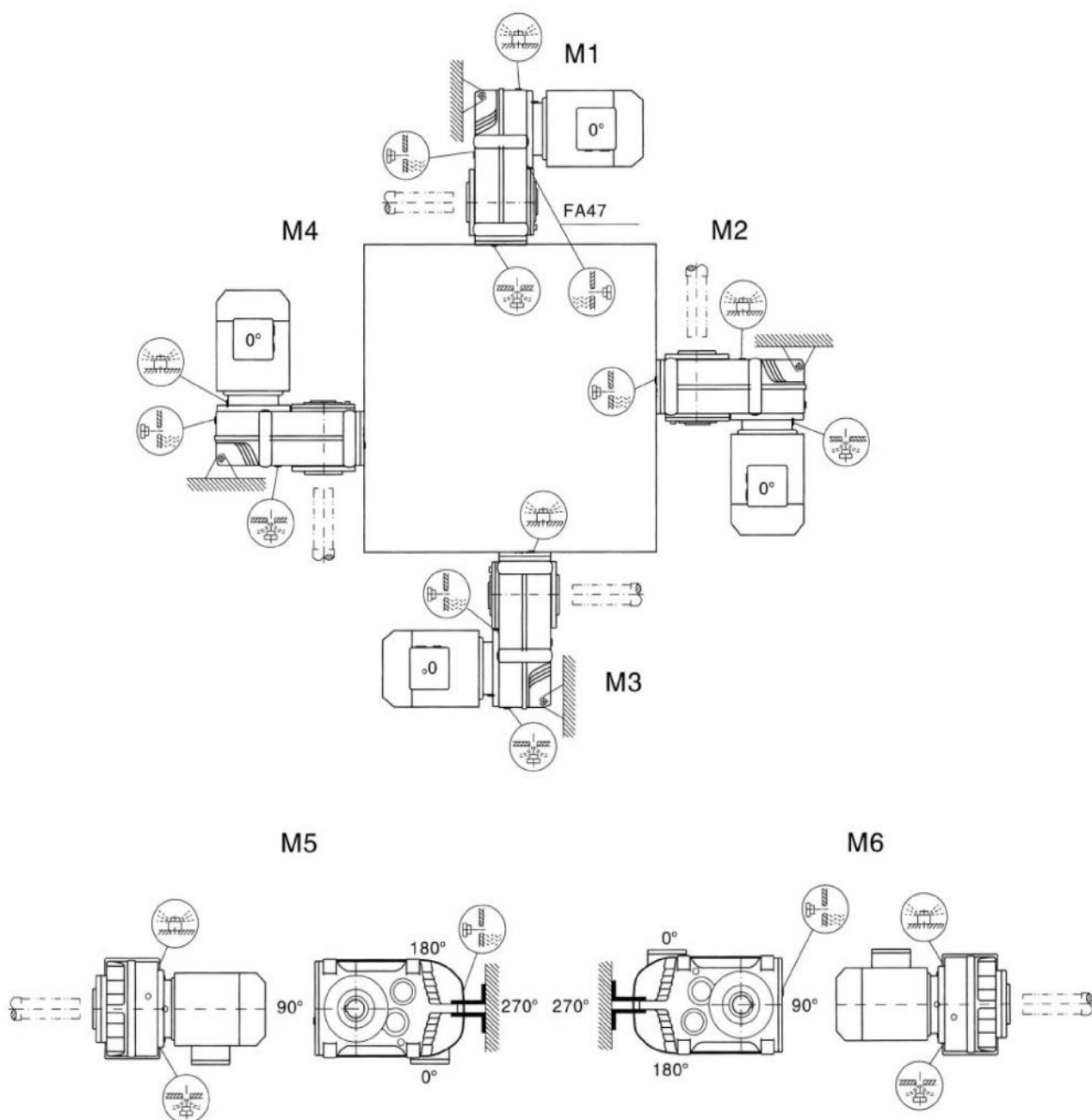
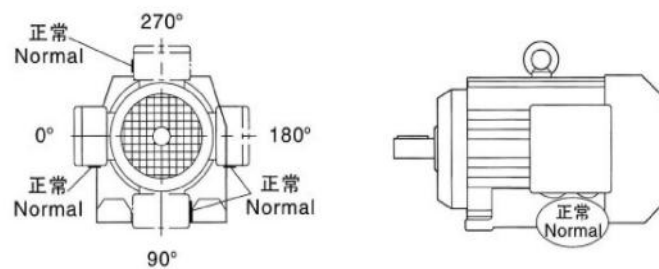
Notes: The dimension of motor in the above table is only for reference. If you have special require, pls consult us.



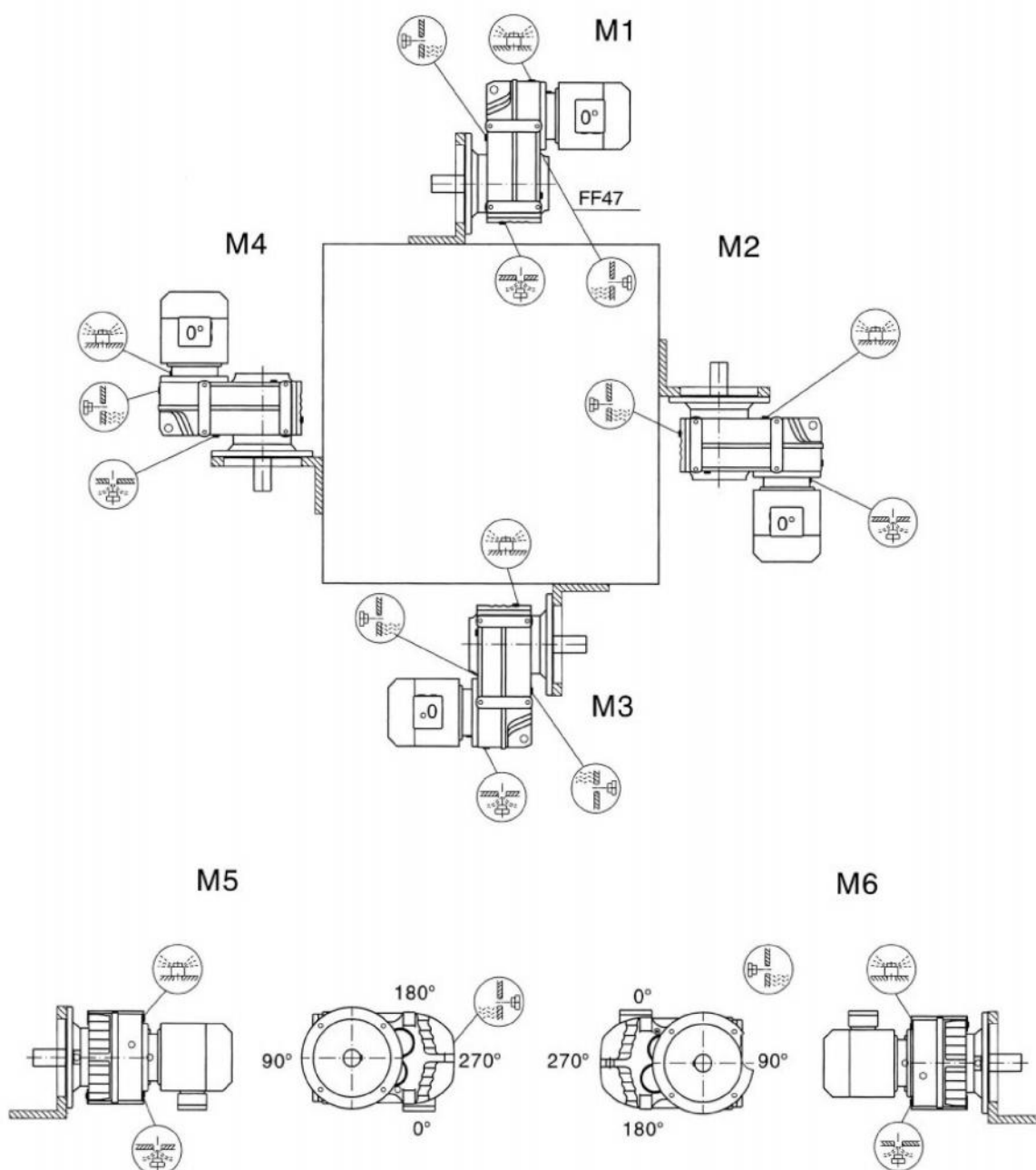
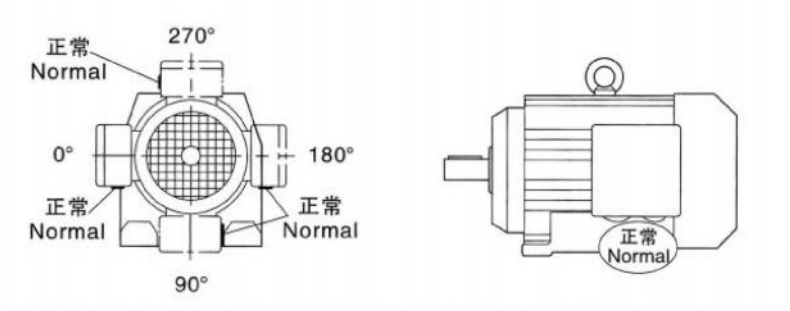
F/FAB37-157安装形式图 F/FAB37-157 Mounting position example



FA37-157安装形式图 FA37-157 Mounting position example



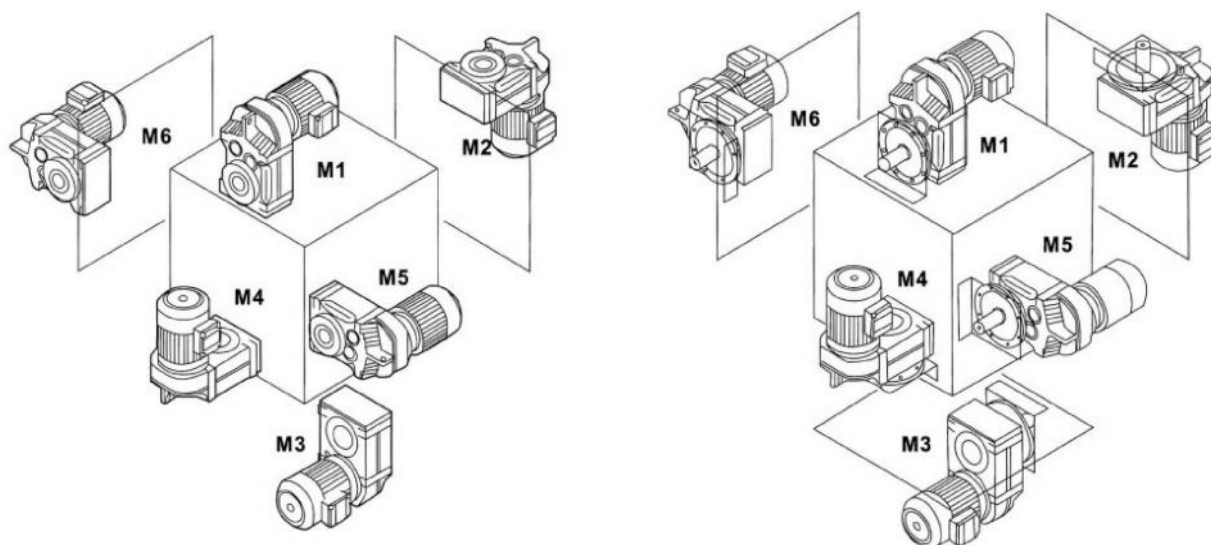
# FF/ FAF/ FAZ37-157安装形式图 FF/ FAF/ FAZ Mounting position example





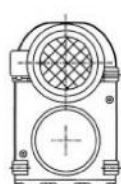
## 安装形式:

Mounting position:

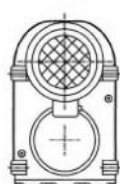


## 电机接线盒位置

Position of the motor thermal box



0°



90°



180°



270°

## 输入功率及许用转矩

Input power rating and permissible torque

| 规格<br>Size                          | 37              | 47              | 57              | 67              | 77              | 87              | 97              | 107             | 127             | 157              |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| 结构形式<br>Structure                   | F FA FF FAF FAZ |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 输入功率<br>Input power<br>rating (kw)  | 0.18~3.0        | 0.18~3.0        | 0.18~5.5        | 0.18~5.5        | 0.37~11         | 0.75~22         | 1.1~30          | 2.2~45          | 7.5~90          | 11~200           |
| 传动比<br>Ratio                        | 3.81~<br>128.51 | 5.06~<br>189.39 | 5.18~<br>199.70 | 4.21~<br>228.99 | 4.30~<br>281.71 | 4.12~<br>270.68 | 4.68~<br>280.76 | 6.20~<br>254.40 | 4.63~<br>172.17 | 11.92~<br>267.43 |
| 许用转矩<br>Permissible<br>torque (N.M) | 200             | 400             | 600             | 820             | 1500            | 3000            | 4300            | 7840            | 12000           | 18000            |

## 减速机重量

Gear unit weight

| 规格<br>Size       | 37 | 47 | 57 | 67 | 77 | 87  | 97  | 107 | 127 | 157 |
|------------------|----|----|----|----|----|-----|-----|-----|-----|-----|
| 重量(kg)<br>Weight | 13 | 17 | 34 | 55 | 90 | 150 | 260 | 402 | 700 | 950 |

所注重量为平均值, 仅供参考

The weights are mean values, only for reference.

## 润滑油量表 Lubrication table

F...

| 规格<br>Size | 润滑油量 ( 升 ) |      |      | Fill quantity in liters |      |     |
|------------|------------|------|------|-------------------------|------|-----|
|            | M1         | M2   | M3   | M4                      | M5   | M6  |
| F37        | 1          | 1.2  | 0.7  | 1.2                     | 1    | 1.1 |
| F47        | 1.5        | 1.8  | 1.1  | 1.9                     | 1.5  | 1.7 |
| F57        | 2.6        | 3.7  | 2.1  | 3.5                     | 2.8  | 2.9 |
| F67        | 2.7        | 3.8  | 1.9  | 3.8                     | 2.9  | 3.2 |
| F77        | 5          | 7.3  | 4.3  | 8                       | 6    | 6.3 |
| F87        | 10         | 13.0 | 7.7  | 13.8                    | 10.8 | 11  |
| F97        | 18.5       | 22.5 | 12.6 | 25.2                    | 18.5 | 20  |
| F107       | 24.5       | 32   | 19.5 | 37.5                    | 27   | 27  |
| F127       | 40.5       | 55   | 34   | 61                      | 46.5 | 47  |
| F157       | 69         | 104  | 63   | 105                     | 86   | 78  |

FF...:

| 规格<br>Size | 润滑油量 ( 升 ) |      |      | Fill quantity in liters |      |      |
|------------|------------|------|------|-------------------------|------|------|
|            | M1         | M2   | M3   | M4                      | M5   | M6   |
| FF37       | 1          | 1.2  | 0.7  | 1.3                     | 1    | 1.1  |
| FF47       | 1.6        | 1.9  | 1.1  | 1.9                     | 1.5  | 1.7  |
| FF57       | 2.8        | 3.8  | 2.1  | 3.7                     | 2.9  | 3    |
| FF67       | 2.7        | 3.8  | 1.9  | 3.8                     | 2.9  | 3.2  |
| FF77       | 5.1        | 7.3  | 4.3  | 8.1                     | 6    | 6.3  |
| FF87       | 10.3       | 13.2 | 7.8  | 14.1                    | 11   | 11.2 |
| FF97       | 19         | 22.5 | 12.6 | 25.5                    | 18.9 | 20.5 |
| FF107      | 25.5       | 32   | 19.5 | 38.5                    | 27.5 | 28   |
| FF127      | 41.5       | 56   | 34   | 63                      | 46.5 | 49   |
| FF157      | 72         | 105  | 64   | 106                     | 87   | 79   |

FA... FAF... FAZ...:

| 规格<br>Size | 润滑油量 ( 升 ) |      |      | Fill quantity in liters |      |      |
|------------|------------|------|------|-------------------------|------|------|
|            | M1         | M2   | M3   | M4                      | M5   | M6   |
| F..37      | 1          | 1.2  | 0.7  | 1.2                     | 1    | 1    |
| F..47      | 1.5        | 1.8  | 1.1  | 1.9                     | 1.5  | 1.7  |
| F..57      | 2.7        | 3.8  | 2.1  | 3.6                     | 2.9  | 3    |
| F..67      | 2.7        | 3.8  | 1.9  | 3.8                     | 2.9  | 3.2  |
| F..77      | 5          | 7.3  | 4.3  | 8                       | 6    | 6.3  |
| F..87      | 10         | 13.0 | 7.7  | 13.8                    | 10.8 | 11   |
| F..97      | 18.5       | 22.5 | 12.6 | 25.0                    | 18.5 | 20   |
| F..107     | 24.5       | 32   | 19.5 | 37.5                    | 27   | 27   |
| F..127     | 39         | 55   | 34   | 61                      | 45   | 46.5 |
| F..157     | 68         | 103  | 62   | 104                     | 85   | 77   |

## K Series Helical Bevel Gear Reducer





## 型号说明 Model Notes

### 减速电机符号说明

| <b>K</b>                                                                           | <b>A</b>                                                         | <b>67</b>                         | <b>/T</b>                           | <b>D</b>                                                                                                                                  | <b>80</b>                           | <b>N</b>                               | <b>4</b>                      | <b>/BMG</b>                           | <b>/HF</b>                                                                       | <b>/TF</b>                                                                         | <b>108.03</b>                              | <b>/B</b>                                           | <b>M1</b>                          | <b>180°</b>                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------|---------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|------------------------------------|--------------------------------------------------------------|
| 1                                                                                  | 2                                                                | 3                                 | 4                                   | 5                                                                                                                                         | 6                                   | 7                                      | 8                             | 9                                     | 10                                                                               | 11                                                                                 | 12                                         | 13                                                  | 14                                 | 15                                                           |
| <b>1</b> 产品代码<br>R--斜齿轮减速电机<br>F--平行轴-斜齿轮减速电机<br>K--斜齿轮-伞齿轮减速电机<br>S--斜齿轮-蜗轮蜗杆减速电机 | <b>2</b> 装配型式<br>无代码--底脚安装<br>F--法兰安装<br>A--空心轴安装<br>AF--法兰空心轴安装 | <b>3</b> 减速机规格号<br>67--减速机规格号为 67 | <b>4</b> 扭矩臂<br>无代码--无扭矩臂<br>T--扭矩臂 | <b>5</b> 电动机<br>D--三相异步电动机(IP54)<br>YB--隔爆型三相异步电动机<br>YGP--铝壳变频调速三相异步电动机<br>YZP--冶金、起重用变频调速三相异步电动机<br>YVP--变频调速三相异步电动机<br>YD--变频调速三相异步电动机 | <b>6</b> 电动机规格代号<br>80--电机中心高为 80mm | <b>7</b> 电动机定子铁心长度代号<br>D、K、N、S、M、ML、L | <b>8</b> 电动机极数<br>4--电动机极数为 4 | <b>9</b> 制动器<br>无代码--无制动器<br>BMG--制动器 | <b>10</b> 手动释放装置<br>无代码--无手动释放装置<br>HF--手动释放<br>锁在制动释放位置<br>HR--手动释放<br>自动返回制动位置 | <b>11</b> 电机热保护<br>无代码--无电机热保护<br>TF--热敏电阻保护装置<br>PTC热敏电阻<br>TH--恒温器保护装置<br>双金属片开关 | <b>12</b> 减速机传动比<br>108.03--减速机传动比为 108.03 | <b>13</b> 轴指向<br>A--轴指向为 A<br>B--轴指向为 B<br>AB--双输出轴 | <b>14</b> 安装位置<br>M1--安装型式图中 M1 位置 | <b>15</b> 接线盒位置<br>无代码--安装型式图中 0° 位置<br>180°--安装型式图中 180° 位置 |

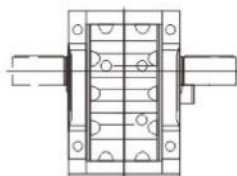
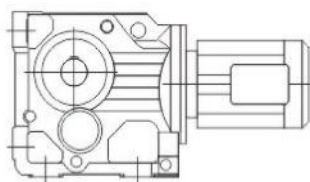
### Code Introduction

|                                                                                                                                                             |                                                                                                                                      |                                                  |                                                                |                                                                                                                                                                                                                                                                                                               |                                                     |                                          |                                   |                                                     |                                                                                                                                                                                   |                                                                                                                                                                             |                                         |                                                                                                    |                                                         |                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------|-----------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>1</b> Product Code<br>R--Helical Geared Motor<br>F--Parallel Shaft-Helical Geared Motor<br>K--Helical-Bevel Geared Motor<br>S--Helical-Worm Geared Motor | <b>2</b> Unit Model<br>No Code--Feet-mounted<br>F--Flange-mounted<br>A--Hollow Shaft-mounted<br>AF--Flange-mounted with Hollow Shaft | <b>3</b> Gear Unit Size<br>67--Gear Unit Size 67 | <b>4</b> Torque Arm<br>No Code--No Torque Arm<br>T--Torque Arm | <b>5</b> Electric Motor<br>D--Three Phase Asynchronous Motor(IP 54)<br>YB--Flame-proof Three Phase Asynchronous Motor<br>YGP--Table Roller Three Phase Asynchronous Motor<br>YZP--Metallurgy Hoist Frequency Variable Motor<br>YVP--Frequency Variable Three Phase Motor<br>YD--Multi Speed Three Phase Motor | <b>6</b> Frame Size<br>80--Motor Center Height 80mm | <b>7</b> Stator Length<br>D、K、N、S、M、ML、L | <b>8</b> Number of Poles<br>4--4P | <b>9</b> Brake<br>No Code--No Brakes<br>BMG--Brakes | <b>10</b> Brake Release<br>No Code--No Brake Release<br>HF--Manual release(lock in the brake release position)<br>Brake Release<br>HR--Manual release(automatic braking position) | <b>11</b> Thermal Protection<br>No Code--No Thermistor<br>TF--Thermistor Sensor<br>TF--Thermistor protection (PTC thermistor)<br>TH--Thermostat protection (Bimetal switch) | <b>12</b> Ratio<br>108.03--Ratio 108.03 | <b>13</b> Position of the Output Shaft<br>A--Shaft with A<br>B--Shaft with B<br>AB--Shaft with A+B | <b>14</b> Mounting Position<br>M1--Mounting Position M1 | <b>15</b> Terminal Box Position<br>No Code--Terminal Box Position is 0°<br>180° --Terminal Box Position is 180° |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------|-----------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

## 设计方案 Versions of geared motors

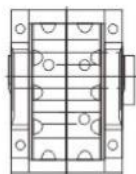
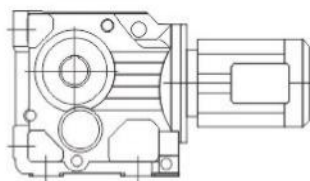
斜齿轮 -- 伞齿轮减速电机有以下设计方案:

The following types of helical-bevel geared motor can be supplied.



K..D..

底脚安装斜齿轮 -- 伞齿轮减速电机  
Foot-mounted helical-bevel geared motor



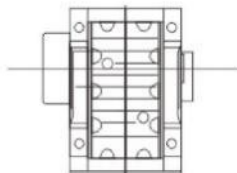
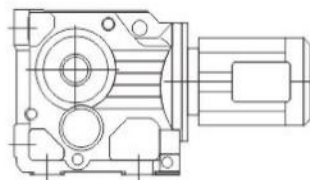
KA..B D..

底脚空心轴安装斜齿轮 -- 伞齿轮减速电机  
Foot-mounted helical-bevel geared motor  
with hollow shaft.

KV..B D..

底脚花键空心轴(DIN5480)安装斜齿轮 -- 伞  
齿轮减速电机

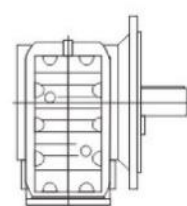
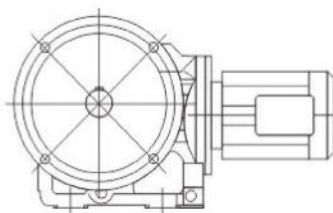
Foot-mounted helical-bevel geared motor with  
hollow shaft and splined hollow shaft to DIN 5480.



KH..B D..

底脚空心轴锁紧盘安装斜齿轮 -- 伞齿轮减速  
电机

Foot-mounted helical-bevel geared motor  
with hollow shaft and shrink disk.



KF..D..

B5 法兰安装斜齿轮 -- 伞齿轮减速电机

Helical-bevel geared motor in B5 flange-mounted  
version

KAF..D..

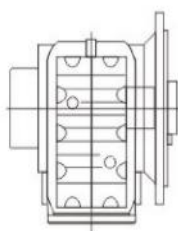
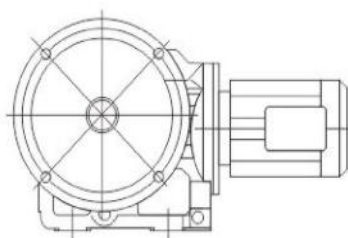
B5 法兰空心轴安装斜齿轮 -- 伞齿轮减速电机

Helical-bevel geared motor in B5 flange-mounted  
version with hollow shaft.

KVF..D..

B5 法兰花键空心轴(DIN5480)安装斜齿轮 -- 伞  
齿轮减速电机

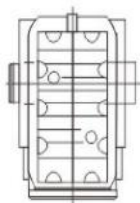
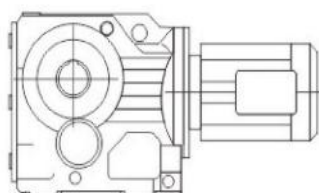
Helical-bevel geared motor in B5 flange-mounted  
version with hollow shaft and splined hollow shaft  
to DIN 5480.



#### KHF..D..

B5 法兰空心轴锁紧盘安装斜齿轮 --伞齿轮减速电机

Helical-bevel geared motor in B5 flange-mounted version with hollow shaft and shrink disk



#### KA..D..

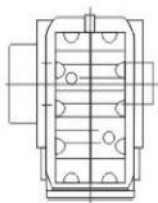
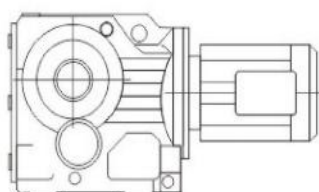
空心轴安装斜齿轮 -- 伞齿轮减速电机

Helical-bevel geared motor with hollow shaft.

#### KV..D..

花键空心轴(DIN5480)安装斜齿轮 --伞齿轮减速电机

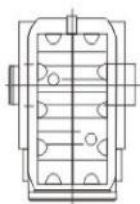
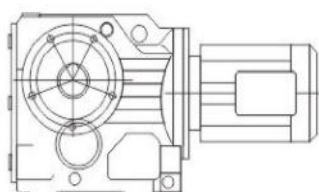
Helical-bevel geared motor with hollow shaft and splined hollow shaft to DIN 5480.



#### KH..D..

空心轴锁紧盘安装斜齿轮 --伞齿轮减速电机

Helical-bevel geared motor with hollow shaft and shrink disk.



#### KAZ..D..

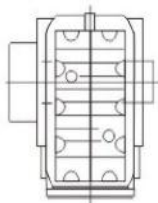
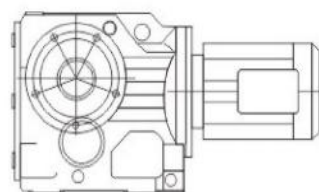
B14 法兰空心轴安装斜齿轮 --伞齿轮减速电机

Helical-bevel geared motor in B14 flange-mounted version with hollow shaft.

#### KVZ..D..

B14 法兰花键空心轴(DIN5480)安装斜齿轮 --伞齿轮减速电机

Helical-bevel geared motor in B14 flange mounted version with hollow shaft and splined hollow to DIN 5480.



#### KHZ..D..

B14 法兰空心轴锁紧盘安装斜齿轮 --伞齿轮减速电机

Helical-bevel geared motor in B14 flange mounted version with hollow shaft and shrink disk.



## 可行的组合方式 Type of combination

以下是斜齿轮 — 伞齿轮减速机与交流 (带制动) 电机的组合列表。表中给出了每种组合的速比范围。  
The below is combination table between gear box and electromotor in each list the ratio range.

| 减速机型号<br>Gear unit size | 级<br>Stages | D63<br>D71                                 | D80                                        | D90                                           | D100                                          | D112                                          | D132S                      | D132M                                |
|-------------------------|-------------|--------------------------------------------|--------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------|--------------------------------------|
| K/KF/KA/KAF37           | 3           | 3.98-106.38                                | 3.98-83.69                                 | 3.98-24.99<br>29.96-72.54                     | 3.98-10.49<br>13.08-20.19<br>29.96-58.60      |                                               |                            |                                      |
| K/KF/KA/KAF47           | 3           | 7.36-11.77<br>13.65-31.30<br>39.61-131.87  | 4.64-104.37                                | 4.64-90.86                                    | 4.64-21.81<br>25.91<br>35.39-63.30<br>75.20   |                                               |                            |                                      |
| K/KF/KA/KAF57           | 3           | 9.59-11.92<br>19.34-35.70<br>48.89-145.14  | 7.55-11.92<br>15.22-123.85                 | 4.69-108.29                                   | 4.69-90.26                                    | 4.69-30.28<br>38.49-76.56                     |                            |                                      |
| K/KF/KA/KAF67           | 3           | 10.63-12.48<br>19.30-35.62<br>48.77-144.79 | 8.37-12.48<br>15.19-123.54                 | 5.2-108.03                                    | 5.2-90.04                                     | 5.2-30.22<br>38.39-76.37                      | 5.2-24.00<br>38.39-60.66   | 5.2-24.00<br>38.39-60.66             |
| K/KF/KA/KAF77           | 3           | 25.62-38.39<br>64.75-192.18                | 10.84-12.36<br>20.25-38.39<br>51.18-154.02 | 7.24-135.28                                   | 7.24-113.56                                   | 7.24-97.05                                    | 7.24-30.89<br>40.04-78.07  | 7.24-30.89<br>40.04-78.07            |
| K/KF/KA/KAF87           | 3           |                                            | 16.00<br>27.88-31.39<br>70.46-197.37       | 11.17<br>16.00<br>19.45-31.39<br>49.16-174.19 | 8.29-11.17<br>14.45-147.32                    | 8.29-11.17<br>14.45-126.91                    | 7.21-102.71                | 7.21-102.71                          |
| K/KF/KA/KAF97           | 3           |                                            |                                            | 24.75-38.30<br>62.55-176.05                   | 18.96-38.30<br>47.93-176.05                   | 18.96-38.30<br>47.93-153.21                   | 8.71-123.93                | 8.71-123.93                          |
| K/KF/KA/KAF107          | 3           |                                            |                                            |                                               | 13.43<br>22.62-29.00<br>32.69<br>57.17-143.47 | 13.43<br>22.62-29.00<br>32.69<br>57.17-143.47 | 8.69-29.00<br>32.69-143.47 | 8.69-29.00<br>32.69-143.47           |
| K/KF/KA/KAF127          | 3           |                                            |                                            |                                               |                                               |                                               |                            | 12.79<br>21.15-36.25<br>47.82-146.07 |

| 减速机型号<br>Gear unit size | 级<br>Stages | D132ML                      | D160M                       | D160L                       | D180                                     | D200                      |
|-------------------------|-------------|-----------------------------|-----------------------------|-----------------------------|------------------------------------------|---------------------------|
| K/KF/KA/KAF77           | 3           | 7.24-23.08<br>40.04-58.34   | 7.24-23.08<br>40.04-58.34   |                             |                                          |                           |
| K/KF/KA/KAF87           | 3           | 7.21-79.34                  | 7.21-79.34                  | 7.21-79.34                  | 7.21-14.45<br>17.42-24.92<br>36.52-63.00 |                           |
| K/KF/KA/KAF97           | 3           | 8.71-96.80                  | 8.71-96.80                  | 8.71-96.80                  | 8.71-30.82<br>41.87-77.89                | 8.71-24.75<br>41.87-62.55 |
| K/KF/KA/KAF107          | 3           | 8.69-112.41                 | 8.69-112.41                 | 8.69-112.41                 | 8.69-90.96                               | 8.69-31.28<br>37.00-73.30 |
| K/KF/KA/KAF127          | 3           | 10.74-12.79<br>17.77-136.14 | 10.74-12.79<br>17.77-136.14 | 10.74-12.79<br>17.77-136.14 | 8.68-110.18                              | 8.68-89.89                |
| K/KF/KA/KAF157          | 3           |                             | 18.37-31.30<br>46.79-150.41 | 18.37-31.30<br>46.79-150.41 | 14.92-122.39                             | 12.65-100.22              |
| K/KH167                 | 3           |                             | 24.52-32.25<br>51.77-164.50 | 24.52-32.25<br>51.77-164.50 | 20.32-32.25<br>42.89-134.99              | 17.34-109.83              |
| K/KH187                 | 3           |                             | 33.23-42.51<br>88.00-179.86 | 33.23-42.51<br>88.00-179.86 | 27.92-42.51<br>73.96-179.86              | 17.18-179.86              |

| 减速机型号<br>Gear unit size | 级<br>Stages | D225                      | D250M                     | D280                      | D315                       | D315M_A/B                  |
|-------------------------|-------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| K/KF/KA/KAF107          | 3           | 8.69-31.28<br>37.00-73.30 |                           |                           |                            |                            |
| K/KF/KA/KAF127          | 3           | 8.68-89.89                | 8.68-31.37<br>40.19-70.95 | 8.68-31.37<br>40.19-70.95 |                            |                            |
| K/KF/KA/KAF157          | 3           | 12.65-100.22              | 12.65-79.75               | 12.65-79.75               | 12.65-23.95<br>38.02-61.02 | 12.65-18.37<br>38.02-46.79 |
| K/KH167                 | 3           | 17.34-109.83              | 17.34-87.86               | 17.34-87.86               | 17.34-68.07                | 17.34-24.52<br>36.61-51.77 |
| K/KH187                 | 3           | 17.18-179.86              | 17.18-144.59              | 17.18-144.59              | 17.18-112.60               | 17.18-33.23<br>45.50-88.00 |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 0.08                                            | 11800                                            | 17550             | 79800                                                        | 1.10                                   |              |                       |
| 0.09                                            | 10700                                            | 16006             | 80400                                                        | 1.20                                   |              |                       |
| 0.09                                            | 9880                                             | 14975             | 80700                                                        | 1.30                                   | K 127R77     | 4                     |
| 0.11                                            | 8010                                             | 12440             | 81500                                                        | 1.60                                   | KF 127R77    | 4                     |
| 0.13                                            | 6920                                             | 10915             | 81800                                                        | 1.90                                   | KA 127R77    | 4                     |
| 0.14                                            | 6320                                             | 9819              | 82000                                                        | 2.1                                    | KAF127R77    | 4                     |
| 0.16                                            | 5220                                             | 8443              | 82300                                                        | 2.5                                    |              |                       |
| 0.18                                            | 4820                                             | 7482              | 82300                                                        | 2.7                                    |              |                       |
| 0.10                                            | 9590                                             | 14311             | 65000                                                        | 0.85                                   |              |                       |
| 0.11                                            | 8060                                             | 12211             | 65000                                                        | 1.00                                   |              |                       |
| 0.13                                            | 6930                                             | 10677             | 65000                                                        | 1.15                                   |              |                       |
| 0.14                                            | 6280                                             | 9524              | 65000                                                        | 1.25                                   | K 107R77     | 4                     |
| 0.17                                            | 5410                                             | 8328              | 65000                                                        | 1.50                                   | KF 107R77    | 4                     |
| 0.19                                            | 4720                                             | 7270              | 65000                                                        | 1.70                                   | KA 107R77    | 4                     |
| 0.22                                            | 3760                                             | 6184              | 65000                                                        | 2.1                                    | KAF107R77    | 4                     |
| 0.24                                            | 3320                                             | 5662              | 65000                                                        | 2.4                                    |              |                       |
| 0.27                                            | 3020                                             | 5138              | 65000                                                        | 2.7                                    |              |                       |
| 0.32                                            | 2700                                             | 4359              | 65000                                                        | 3.0                                    |              |                       |
| 0.17                                            | 5310                                             | 8054              | 39500                                                        | 0.80                                   |              |                       |
| 0.20                                            | 4350                                             | 6970              | 40000                                                        | 1.00                                   |              |                       |
| 0.23                                            | 3890                                             | 6027              | 40000                                                        | 1.10                                   | K 97R57      | 4                     |
| 0.26                                            | 3560                                             | 5391              | 40000                                                        | 1.20                                   | KF 97R57     | 4                     |
| 0.30                                            | 2950                                             | 4669              | 40000                                                        | 1.45                                   | KA 97R57     | 4                     |
| 0.34                                            | 2640                                             | 4082              | 40000                                                        | 1.65                                   | KAF 97R57    | 4                     |
| 0.39                                            | 2320                                             | 3583              | 40000                                                        | 1.85                                   |              |                       |
| 0.44                                            | 2040                                             | 3108              | 40000                                                        | 2.1                                    |              |                       |
| 0.50                                            | 1720                                             | 2757              | 40000                                                        | 2.5                                    |              |                       |
| 0.57                                            | 1580                                             | 2419              | 40000                                                        | 2.7                                    |              |                       |
| 0.65                                            | 1370                                             | 2123              | 40000                                                        | 3.2                                    | K 97 R57     | 4                     |
| 0.74                                            | 1220                                             | 1856              | 40000                                                        | 3.5                                    | KF 97 R57    | 4                     |
| 0.85                                            | 1000                                             | 1625              | 40000                                                        | 4.3                                    | KA 97 R57    | 4                     |
| 0.96                                            | 860                                              | 1430              | 40000                                                        | 5.0                                    | KAF97 R57    | 4                     |
| 1.1                                             | 830                                              | 1261              | 40000                                                        | 5.2                                    |              |                       |
| 1.2                                             | 725                                              | 1102              | 40000                                                        | 5.9                                    |              |                       |
| 0.26                                            | 3380                                             | 5240              | 26300                                                        | 0.80                                   |              |                       |
| 0.30                                            | 2850                                             | 4562              | 27100                                                        | 0.95                                   | K 87 R57     | 4                     |
| 0.34                                            | 2610                                             | 4037              | 27400                                                        | 1.05                                   | KF 87 R57    | 4                     |
| 0.38                                            | 2330                                             | 3609              | 27700                                                        | 1.15                                   | KA 87 R57    | 4                     |
| 0.44                                            | 1990                                             | 3107              | 28100                                                        | 1.35                                   | KAF87 R57    | 4                     |
| 0.51                                            | 1700                                             | 2728              | 28300                                                        | 1.60                                   |              |                       |
| 0.58                                            | 1500                                             | 2371              | 28500                                                        | 1.80                                   |              |                       |
| 0.66                                            | 1380                                             | 2088              | 28600                                                        | 1.95                                   |              |                       |
| 0.74                                            | 1220                                             | 1854              | 28700                                                        | 2.2                                    |              |                       |
| 0.83                                            | 1090                                             | 1657              | 28700                                                        | 2.5                                    | K 87 R57     | 4                     |
| 0.97                                            | 930                                              | 1415              | 28800                                                        | 2.9                                    | KF 87 R57    | 4                     |
| 1.1                                             | 800                                              | 1229              | 28900                                                        | 3.4                                    | KA 87 R57    | 4                     |
| 1.3                                             | 695                                              | 1078              | 28900                                                        | 3.9                                    | KAF87 R57    | 4                     |
| 1.5                                             | 585                                              | 951               | 29000                                                        | 4.6                                    |              |                       |
| 1.6                                             | 505                                              | 837               | 29000                                                        | 5.4                                    |              |                       |
| 1.9                                             | 435                                              | 726               | 29000                                                        | 6.2                                    |              |                       |
| 0.51                                            | 1790                                             | 2717              | 13400                                                        | 0.85                                   | K 77 R37     | 4                     |
| 0.58                                            | 1510                                             | 2370              | 15700                                                        | 1.05                                   | KF 77 R37    | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | KA 77 R37    | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | KAF77 R37    | 4                     |
| 0.67                                            | 1380                                             | 2050              | 16500                                                        | 1.10                                   |              |                       |
| 0.78                                            | 1180                                             | 1772              | 17500                                                        | 1.30                                   |              |                       |
| 0.91                                            | 1010                                             | 1514              | 18300                                                        | 1.55                                   |              |                       |
| 0.99                                            | 920                                              | 1388              | 18600                                                        | 1.70                                   | K 77 R37     | 4                     |
| 1.1                                             | 810                                              | 1218              | 19000                                                        | 1.90                                   | KF 77 R37    | 4                     |
| 1.3                                             | 710                                              | 1053              | 19200                                                        | 2.2                                    | KA 77 R37    | 4                     |
| 1.5                                             | 620                                              | 924               | 19500                                                        | 2.5                                    | KAF77 R37    | 4                     |
| 1.7                                             | 550                                              | 815               | 19600                                                        | 2.8                                    |              |                       |
| 2.0                                             | 440                                              | 709               | 19800                                                        | 3.5                                    |              |                       |
| 2.2                                             | 385                                              | 622               | 19900                                                        | 4.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kw</b>                                   |                                                  |                   |                                                              |                                        |              |                       |
| 1.0                                             | 930                                              | 1351              | 9230                                                         | 0.90                                   |              |                       |
| 1.2                                             | 795                                              | 1171              | 10500                                                        | 1.05                                   |              |                       |
| 1.3                                             | 695                                              | 1034              | 11300                                                        | 1.20                                   |              |                       |
| 1.5                                             | 585                                              | 903               | 12000                                                        | 1.40                                   |              |                       |
| 1.7                                             | 545                                              | 793               | 12200                                                        | 1.50                                   |              |                       |
| 2.0                                             | 440                                              | 697               | 12700                                                        | 1.85                                   | K 67 R37     | 4                     |
| 2.2                                             | 390                                              | 613               | 12900                                                        | 2.1                                    | KF 67 R37    | 4                     |
| 2.5                                             | 340                                              | 542               | 13000                                                        | 2.4                                    | KA 67 R37    | 4                     |
| 2.9                                             | 315                                              | 471               | 13000                                                        | 2.6                                    | KAF 67 R37   | 4                     |
| 3.3                                             | 265                                              | 420               | 13000                                                        | 3.1                                    |              |                       |
| 3.8                                             | 235                                              | 361               | 13000                                                        | 3.5                                    |              |                       |
| 4.3                                             | 210                                              | 323               | 13000                                                        | 3.9                                    |              |                       |
| 4.9                                             | 176                                              | 279               | 13000                                                        | 4.7                                    |              |                       |
| 5.6                                             | 155                                              | 246               | 13000                                                        | 5.3                                    |              |                       |
| 6.3                                             | 134                                              | 217               | 13000                                                        | 6.1                                    |              |                       |
| 1.5                                             | 585                                              | 906               | 7750                                                         | 1.05                                   |              |                       |
| 1.7                                             | 525                                              | 806               | 8220                                                         | 1.15                                   |              |                       |
| 2.0                                             | 445                                              | 699               | 8690                                                         | 1.35                                   |              |                       |
| 2.2                                             | 390                                              | 615               | 8930                                                         | 1.55                                   |              |                       |
| 2.5                                             | 340                                              | 544               | 9120                                                         | 1.75                                   | K 57 R37     | 4                     |
| 2.9                                             | 310                                              | 473               | 9250                                                         | 1.95                                   | KF 57 R37    | 4                     |
| 3.3                                             | 265                                              | 421               | 9420                                                         | 2.3                                    | KA 57 R37    | 4                     |
| 3.8                                             | 235                                              | 362               | 9510                                                         | 2.5                                    | KAF 57 R37   | 4                     |
| 4.3                                             | 210                                              | 319               | 9610                                                         | 2.9                                    |              |                       |
| 4.9                                             | 176                                              | 280               | 9710                                                         | 3.4                                    |              |                       |
| 5.6                                             | 155                                              | 246               | 9770                                                         | 3.9                                    |              |                       |
| 6.4                                             | 135                                              | 215               | 9830                                                         | 4.4                                    |              |                       |
| 7.2                                             | 122                                              | 192               | 9860                                                         | 4.9                                    |              |                       |
| 2.2                                             | 430                                              | 639               | 2520                                                         | 0.95                                   |              |                       |
| 2.5                                             | 370                                              | 552               | 6350                                                         | 1.10                                   | K 47 R37     | 4                     |
| 2.8                                             | 315                                              | 495               | 6930                                                         | 1.25                                   | KF 47 R37    | 4                     |
| 3.2                                             | 280                                              | 426               | 7240                                                         | 1.45                                   | KA 47 R37    | 4                     |
| 3.7                                             | 235                                              | 375               | 7560                                                         | 1.70                                   | KAF 47 R37   | 4                     |
| 4.2                                             | 215                                              | 327               | 7670                                                         | 1.85                                   |              |                       |
| 4.8                                             | 189                                              | 289               | 7830                                                         | 2.1                                    |              |                       |
| 4.0                                             | 235                                              | 346               | 4840                                                         | 0.85                                   |              |                       |
| 4.5                                             | 200                                              | 304               | 5640                                                         | 1.00                                   |              |                       |
| 5.2                                             | 182                                              | 267               | 5830                                                         | 1.10                                   | K 37 R17     | 4                     |
| 5.9                                             | 157                                              | 234               | 6060                                                         | 1.25                                   | KF 37 R17    | 4                     |
| 6.7                                             | 138                                              | 205               | 6220                                                         | 1.45                                   | KA 37 R17    | 4                     |
| 7.6                                             | 120                                              | 181               | 6330                                                         | 1.65                                   | KAF 37 R17   | 4                     |
| 8.6                                             | 105                                              | 160               | 6420                                                         | 1.90                                   |              |                       |
| 10                                              | 88                                               | 136               | 6500                                                         | 2.3                                    |              |                       |
| 6.2                                             | 184                                              | 144.79            | 13000                                                        | 4.4                                    | K 67         | 6                     |
|                                                 |                                                  |                   |                                                              |                                        | KF 67        | 6                     |
|                                                 |                                                  |                   |                                                              |                                        | KA 67        | 6                     |
|                                                 |                                                  |                   |                                                              |                                        | KAF 67       | 6                     |
| 6.2                                             | 185                                              | 145.14            | 9680                                                         | 3.2                                    | K 57         | 6                     |
| 7.3                                             | 158                                              | 123.85            | 9760                                                         | 3.8                                    | KF 57        | 6                     |
| 8.3                                             | 138                                              | 108.29            | 9820                                                         | 4.3                                    | KA 57        | 6                     |
| 8.8                                             | 131                                              | 102.88            | 9840                                                         | 4.6                                    | KAF 57       | 6                     |
| 10                                              | 115                                              | 90.26             | 9880                                                         | 5.2                                    |              |                       |
| 12                                              | 98                                               | 76.56             | 9930                                                         | 6.2                                    |              |                       |
| 9.5                                             | 121                                              | 145.14            | 9870                                                         | 5.0                                    | K 57         | 4                     |
| 11                                              | 103                                              | 123.85            | 9920                                                         | 5.8                                    | KF 57        | 4                     |
| 13                                              | 90                                               | 108.29            | 9950                                                         | 6.7                                    | KA 57        | 4                     |
| 13                                              | 85                                               | 102.88            | 9960                                                         | 7.0                                    | KAF 57       | 4                     |
| 15                                              | 75                                               | 90.26             | 9990                                                         | 8.0                                    |              |                       |
| 6.8                                             | 168                                              | 131.87            | 7930                                                         | 2.4                                    | K 47         | 6                     |
| 7.4                                             | 155                                              | 121.48            | 7990                                                         | 2.6                                    | KF 47        | 6                     |
| 8.6                                             | 133                                              | 104.37            | 8070                                                         | 3.0                                    | KA 47        | 6                     |
|                                                 |                                                  |                   |                                                              |                                        | KAF 47       | 6                     |
| 10                                              | 110                                              | 131.87            | 8140                                                         | 3.7                                    | K 47         | 4                     |
| 11                                              | 101                                              | 121.48            | 8170                                                         | 4.0                                    | KF 47        | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | KA 47        | 4                     |
|                                                 |                                                  |                   |                                                              |                                        | KAF 47       | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                                     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----------------------|
| 0.12kW                                          |                                                  |                         |                                                              |                                        |                                                  |                       |
| 8.5                                             | 136                                              | 106.38                  | 6230                                                         | 1.50                                   | K 37                                             | 6                     |
| 9.2                                             | 125                                              | 97.81                   | 6300                                                         | 1.60                                   | KF 37                                            | 6                     |
| 11                                              | 107                                              | 83.69                   | 6410                                                         | 1.90                                   | KA 37                                            | 6                     |
| 12                                              | 92                                               | 72.54                   | 6480                                                         | 2.2                                    | KAF 37                                           | 6                     |
| 13                                              | 88                                               | 106.38                  | 6500                                                         | 2.3                                    | K 37<br>KF 37<br>KA 37<br>KAF 37                 | 4                     |
| 14                                              | 81                                               | 97.81                   | 6530                                                         | 2.5                                    |                                                  |                       |
| 16                                              | 70                                               | 83.69                   | 6570                                                         | 2.9                                    |                                                  |                       |
| 19                                              | 60                                               | 72.54                   | 6600                                                         | 3.3                                    |                                                  |                       |
| 20                                              | 56                                               | 67.80                   | 6610                                                         | 3.5                                    |                                                  |                       |
| 24                                              | 49                                               | 58.60                   | 6430                                                         | 4.1                                    |                                                  |                       |
| 28                                              | 41                                               | 49.79                   | 6130                                                         | 4.8                                    |                                                  |                       |
| 31                                              | 37                                               | 44.46                   | 5930                                                         | 5.4                                    |                                                  |                       |
| 36                                              | 32                                               | 37.97                   | 5660                                                         | 6.3                                    |                                                  |                       |
| 39                                              | 30                                               | 35.57                   | 5550                                                         | 6.8                                    |                                                  |                       |
| 46                                              | 25                                               | 29.96                   | 5270                                                         | 8.0                                    |                                                  |                       |
| 48                                              | 24                                               | 28.83                   | 5210                                                         | 8.4                                    |                                                  |                       |
| 55                                              | 21                                               | 24.99                   | 4980                                                         | 9.6                                    |                                                  |                       |
| 59                                              | 19                                               | 23.36                   | 4880                                                         | 10                                     |                                                  |                       |
| 68                                              | 17                                               | 20.19                   | 4660                                                         | 11                                     |                                                  |                       |
| 80                                              | 14                                               | 17.15                   | 4430                                                         | 13                                     |                                                  |                       |
| 90                                              | 13                                               | 15.31                   | 4280                                                         | 14                                     |                                                  |                       |
| 105                                             | 11                                               | 13.08                   | 4070                                                         | 15                                     |                                                  |                       |
| 114                                             | 10                                               | 12.14                   | 3970                                                         | 16                                     |                                                  |                       |
| 0.18kW                                          |                                                  |                         |                                                              |                                        |                                                  |                       |
| 0.09                                            | 16300                                            | 14975                   | 73200                                                        | 0.80                                   | K 127R77<br>KF 127R77<br>KA 127R77<br>KAF 127R77 | 4                     |
| 0.11                                            | 13400                                            | 12440                   | 79000                                                        | 0.95                                   |                                                  |                       |
| 0.12                                            | 11600                                            | 10915                   | 79900                                                        | 1.10                                   |                                                  |                       |
| 0.13                                            | 10500                                            | 9819                    | 80400                                                        | 1.25                                   |                                                  |                       |
| 0.16                                            | 8850                                             | 8443                    | 81100                                                        | 1.45                                   |                                                  |                       |
| 0.18                                            | 8040                                             | 7482                    | 81400                                                        | 1.60                                   |                                                  |                       |
| 0.20                                            | 6990                                             | 6565                    | 81800                                                        | 1.85                                   |                                                  |                       |
| 0.23                                            | 5940                                             | 5804                    | 82100                                                        | 2.2                                    |                                                  |                       |
| 0.26                                            | 5220                                             | 5027                    | 82300                                                        | 2.5                                    |                                                  |                       |
| 0.30                                            | 4530                                             | 4423                    | 82400                                                        | 2.9                                    |                                                  |                       |
| 0.34                                            | 3960                                             | 3889                    | 82500                                                        | 3.3                                    | K 107R77<br>KF 107R77<br>KA 107R77<br>KAF 107R77 | 4                     |
| 0.40                                            | 3310                                             | 3311                    | 82600                                                        | 3.9                                    |                                                  |                       |
| 0.16                                            | 8990                                             | 8328                    | 65000                                                        | 0.90                                   |                                                  |                       |
| 0.18                                            | 7850                                             | 7270                    | 65000                                                        | 1.00                                   |                                                  |                       |
| 0.21                                            | 6420                                             | 6184                    | 65000                                                        | 1.25                                   |                                                  |                       |
| 0.23                                            | 5760                                             | 5662                    | 65000                                                        | 1.40                                   |                                                  |                       |
| 0.26                                            | 5230                                             | 5138                    | 65000                                                        | 1.55                                   |                                                  |                       |
| 0.30                                            | 4570                                             | 4359                    | 65000                                                        | 1.75                                   |                                                  |                       |
| 0.35                                            | 4000                                             | 3810                    | 65000                                                        | 2.0                                    |                                                  |                       |
| 0.39                                            | 3440                                             | 3358                    | 65000                                                        | 2.3                                    |                                                  |                       |
| 0.44                                            | 3090                                             | 2977                    | 65000                                                        | 2.6                                    | K 97 R57<br>KF 97 R57<br>KA 97 R57<br>KAF 97 R57 | 4                     |
| 0.51                                            | 2700                                             | 2599                    | 65000                                                        | 3.0                                    |                                                  |                       |
| 0.58                                            | 2340                                             | 2286                    | 65000                                                        | 3.4                                    |                                                  |                       |
| 0.28                                            | 4960                                             | 4669                    | 39900                                                        | 0.85                                   |                                                  |                       |
| 0.32                                            | 4390                                             | 4082                    | 40000                                                        | 1.00                                   |                                                  |                       |
| 0.37                                            | 3860                                             | 3583                    | 40000                                                        | 1.10                                   |                                                  |                       |
| 0.42                                            | 3370                                             | 3108                    | 40000                                                        | 1.25                                   |                                                  |                       |
| 0.48                                            | 2910                                             | 2757                    | 40000                                                        | 1.50                                   |                                                  |                       |
| 0.55                                            | 2640                                             | 2419                    | 40000                                                        | 1.65                                   | K 97 R57<br>KF 97 R57<br>KA 97 R57<br>KAF 97 R57 | 4                     |
| 0.62                                            | 2290                                             | 2123                    | 40000                                                        | 1.95                                   |                                                  |                       |
| 0.71                                            | 2030                                             | 1856                    | 40000                                                        | 2.1                                    |                                                  |                       |
| 0.81                                            | 1710                                             | 1625                    | 40000                                                        | 2.5                                    |                                                  |                       |
| 0.92                                            | 1490                                             | 1430                    | 40000                                                        | 2.9                                    |                                                  |                       |
| 1.0                                             | 1380                                             | 1261                    | 40000                                                        | 3.1                                    |                                                  |                       |
| 1.2                                             | 1210                                             | 1102                    | 40000                                                        | 3.6                                    |                                                  |                       |
| 1.4                                             | 1040                                             | 957                     | 40000                                                        | 4.1                                    |                                                  |                       |
| 1.5                                             | 930                                              | 855                     | 40000                                                        | 4.6                                    |                                                  |                       |
| 1.8                                             | 755                                              | 743                     | 40000                                                        | 5.7                                    |                                                  |                       |
| 2.0                                             | 675                                              | 652                     | 40000                                                        | 6.4                                    |                                                  |                       |
| 0.42                                            | 3330                                             | 3107                    | 26400                                                        | 0.80                                   |                                                  |                       |
| 0.48                                            | 2880                                             | 2728                    | 27100                                                        | 0.95                                   |                                                  |                       |
| 0.56                                            | 2520                                             | 2371                    | 27500                                                        | 1.05                                   |                                                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                                 | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------------------|-----------------------|
| <b>0.18kW</b>                                   |                                                  |                         |                                                              |                                        |                                              |                       |
| 0.63                                            | 2290                                             | 2088                    | 27800                                                        | 1.20                                   | K 87R57<br>KF 87R57<br>KA 87R57<br>KAF 87R57 | 4                     |
| 0.71                                            | 2030                                             | 1854                    | 28000                                                        | 1.35                                   |                                              |                       |
| 0.80                                            | 1820                                             | 1657                    | 28200                                                        | 1.50                                   |                                              |                       |
| 0.93                                            | 1540                                             | 1415                    | 28400                                                        | 1.75                                   |                                              |                       |
| 1.1                                             | 1340                                             | 1229                    | 28600                                                        | 2.0                                    |                                              |                       |
| 1.2                                             | 1160                                             | 1078                    | 28700                                                        | 2.3                                    |                                              |                       |
| 1.4                                             | 1000                                             | 951                     | 28800                                                        | 2.7                                    |                                              |                       |
| 1.6                                             | 870                                              | 837                     | 28800                                                        | 3.1                                    |                                              |                       |
| 1.8                                             | 755                                              | 726                     | 28900                                                        | 3.6                                    | K 77R37<br>KF 77R37<br>KA 77R37<br>KAF 77R37 | 4                     |
| 0.87                                            | 1670                                             | 1514                    | 14500                                                        | 0.95                                   |                                              |                       |
| 0.95                                            | 1530                                             | 1388                    | 15500                                                        | 1.00                                   |                                              |                       |
| 1.1                                             | 1340                                             | 1218                    | 16700                                                        | 1.15                                   |                                              |                       |
| 1.2                                             | 1170                                             | 1053                    | 17600                                                        | 1.35                                   |                                              |                       |
| 1.4                                             | 1030                                             | 924                     | 18200                                                        | 1.50                                   |                                              |                       |
| 1.6                                             | 910                                              | 815                     | 18700                                                        | 1.70                                   |                                              |                       |
| 1.9                                             | 750                                              | 709                     | 19100                                                        | 2.1                                    |                                              |                       |
| 2.1                                             | 655                                              | 622                     | 19400                                                        | 2.4                                    |                                              |                       |
| 2.4                                             | 590                                              | 552                     | 19500                                                        | 2.6                                    |                                              |                       |
| 2.7                                             | 515                                              | 485                     | 19700                                                        | 3.0                                    | K 67R37<br>KF 67R37<br>KA 67R37<br>KAF 67R37 | 4                     |
| 3.1                                             | 455                                              | 428                     | 19800                                                        | 3.4                                    |                                              |                       |
| 3.6                                             | 400                                              | 367                     | 19900                                                        | 3.9                                    |                                              |                       |
| 1.5                                             | 980                                              | 903                     | 5660                                                         | 0.85                                   |                                              |                       |
| 1.7                                             | 890                                              | 793                     | 9620                                                         | 0.90                                   |                                              |                       |
| 1.9                                             | 745                                              | 697                     | 10900                                                        | 1.10                                   |                                              |                       |
| 2.2                                             | 655                                              | 613                     | 11600                                                        | 1.25                                   |                                              |                       |
| 2.4                                             | 580                                              | 542                     | 12000                                                        | 1.40                                   |                                              |                       |
| 2.8                                             | 520                                              | 471                     | 12300                                                        | 1.60                                   | K 57R37<br>KF 57R37<br>KA 57R37<br>KAF 57R37 | 4                     |
| 3.2                                             | 445                                              | 420                     | 12600                                                        | 1.85                                   |                                              |                       |
| 3.7                                             | 395                                              | 361                     | 12800                                                        | 2.1                                    |                                              |                       |
| 4.1                                             | 350                                              | 323                     | 13000                                                        | 2.3                                    |                                              |                       |
| 4.7                                             | 295                                              | 279                     | 13000                                                        | 2.8                                    |                                              |                       |
| 2.2                                             | 660                                              | 615                     | 5580                                                         | 0.90                                   |                                              |                       |
| 2.4                                             | 580                                              | 544                     | 7800                                                         | 1.05                                   |                                              |                       |
| 2.8                                             | 515                                              | 473                     | 8300                                                         | 1.15                                   | K 47R37<br>KF 47R37<br>KA 47R37<br>KAF 47R37 | 4                     |
| 3.1                                             | 450                                              | 421                     | 8670                                                         | 1.35                                   |                                              |                       |
| 3.6                                             | 395                                              | 362                     | 8900                                                         | 1.50                                   |                                              |                       |
| 4.1                                             | 350                                              | 319                     | 9100                                                         | 1.75                                   |                                              |                       |
| 4.7                                             | 300                                              | 280                     | 9290                                                         | 2.0                                    |                                              |                       |
| 5.4                                             | 260                                              | 246                     | 9420                                                         | 2.3                                    |                                              |                       |
| 6.1                                             | 230                                              | 215                     | 9540                                                         | 2.6                                    |                                              |                       |
| 6.9                                             | 205                                              | 192                     | 9610                                                         | 2.9                                    | K 37R17<br>KF 37R17<br>KA 37R17<br>KAF 37R17 | 4                     |
| 7.9                                             | 178                                              | 166                     | 9700                                                         | 3.4                                    |                                              |                       |
| 3.5                                             | 400                                              | 375                     | 5930                                                         | 1.00                                   |                                              |                       |
| 4.0                                             | 360                                              | 327                     | 6440                                                         | 1.10                                   |                                              |                       |
| 4.6                                             | 315                                              | 289                     | 6920                                                         | 1.25                                   |                                              |                       |
| 5.2                                             | 275                                              | 256                     | 7290                                                         | 1.45                                   |                                              |                       |
| 5.9                                             | 245                                              | 225                     | 7500                                                         | 1.65                                   |                                              |                       |
| 6.7                                             | 210                                              | 198                     | 7710                                                         | 1.90                                   |                                              |                       |
| 7.7                                             | 183                                              | 171                     | 7860                                                         | 2.2                                    | K 67<br>KF 67<br>KA 67<br>KAF 67             | 6                     |
| 8.6                                             | 164                                              | 153                     | 7950                                                         | 2.4                                    |                                              |                       |
| 10                                              | 142                                              | 131                     | 8040                                                         | 2.8                                    |                                              |                       |
| 6.4                                             | 225                                              | 205                     | 5300                                                         | 0.90                                   |                                              |                       |
| 7.3                                             | 199                                              | 181                     | 5650                                                         | 1.00                                   |                                              |                       |
| 8.2                                             | 175                                              | 160                     | 5900                                                         | 1.15                                   |                                              |                       |
| 9.7                                             | 148                                              | 136                     | 6140                                                         | 1.35                                   |                                              |                       |
| 10                                              | 140                                              | 127                     | 6200                                                         | 1.45                                   |                                              |                       |
| 6.0                                             | 285                                              | 144.79                  | 13000                                                        | 2.9                                    | K 67<br>KF 67<br>KA 67<br>KAF 67             | 6                     |
| 7.0                                             | 245                                              | 123.54                  | 13000                                                        | 3.4                                    |                                              |                       |
| 8.1                                             | 215                                              | 108.03                  | 13000                                                        | 3.8                                    |                                              |                       |
| 8.5                                             | 205                                              | 102.62                  | 13000                                                        | 4.0                                    |                                              |                       |
| 9.1                                             | 189                                              | 144.79                  | 13000                                                        | 4.3                                    | K 67<br>KF 67<br>KA 67<br>KAF 67             | 4                     |
| 11                                              | 161                                              | 123.54                  | 13000                                                        | 5.1                                    |                                              |                       |
| 12                                              | 141                                              | 108.03                  | 13000                                                        | 5.8                                    |                                              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kw</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 6.0                                             | 285                                              | 145.14                  | 9340                                                         | 2.1                                    | K 57         | 6                     |
| 7.0                                             | 245                                              | 123.85                  | 9480                                                         | 2.5                                    | KF 57        | 6                     |
| 8.0                                             | 215                                              | 108.29                  | 9590                                                         | 2.8                                    | KA 57        | 6                     |
| 8.5                                             | 205                                              | 102.88                  | 9620                                                         | 3.0                                    | KAF 57       | 6                     |
| 9.6                                             | 178                                              | 90.26                   | 9700                                                         | 3.4                                    |              |                       |
| 9.1                                             | 189                                              | 145.14                  | 9670                                                         | 3.2                                    |              |                       |
| 11                                              | 161                                              | 123.85                  | 9750                                                         | 3.7                                    | K 57         | 4                     |
| 12                                              | 141                                              | 108.29                  | 9810                                                         | 4.3                                    | KF 57        | 4                     |
| 13                                              | 134                                              | 102.88                  | 9830                                                         | 4.5                                    | KA 57        | 4                     |
| 15                                              | 118                                              | 90.26                   | 9880                                                         | 5.1                                    | KAF 57       | 4                     |
| 17                                              | 100                                              | 76.56                   | 9920                                                         | 6.0                                    |              |                       |
| 6.6                                             | 260                                              | 131.87                  | 7380                                                         | 1.55                                   | K 47         | 6                     |
| 7.2                                             | 240                                              | 121.48                  | 7530                                                         | 1.65                                   | KF 47        | 6                     |
| 8.3                                             | 205                                              | 104.37                  | 7740                                                         | 1.95                                   | KA 47        | 6                     |
| 9.6                                             | 180                                              | 90.86                   | 7880                                                         | 2.2                                    | KAF 47       | 6                     |
| 10                                              | 168                                              | 85.12                   | 7930                                                         | 2.4                                    |              |                       |
| 10                                              | 172                                              | 131.87                  | 7910                                                         | 2.3                                    | K 47         | 4                     |
| 11                                              | 158                                              | 121.48                  | 7970                                                         | 2.5                                    | KF 47        | 4                     |
| 13                                              | 136                                              | 104.37                  | 8060                                                         | 2.9                                    | KA 47        | 4                     |
| 15                                              | 118                                              | 90.86                   | 8120                                                         | 3.4                                    | KAF 47       | 4                     |
| 16                                              | 111                                              | 85.12                   | 8140                                                         | 3.6                                    |              |                       |
| 8.2                                             | 210                                              | 106.38                  | 5520                                                         | 0.95                                   | K 37         | 6                     |
| 8.9                                             | 193                                              | 97.81                   | 5710                                                         | 1.05                                   | KF 37        | 6                     |
| 10                                              | 165                                              | 83.69                   | 5990                                                         | 1.20                                   | KA 37        | 6                     |
| 12                                              | 143                                              | 72.54                   | 6170                                                         | 1.40                                   | KAF 37       | 6                     |
| 12                                              | 139                                              | 106.38                  | 6210                                                         | 1.45                                   |              |                       |
| 14                                              | 127                                              | 97.81                   | 6280                                                         | 1.55                                   |              |                       |
| 16                                              | 109                                              | 83.69                   | 6400                                                         | 1.85                                   |              |                       |
| 18                                              | 95                                               | 72.54                   | 6470                                                         | 2.1                                    |              |                       |
| 19                                              | 88                                               | 67.80                   | 6500                                                         | 2.3                                    |              |                       |
| 23                                              | 76                                               | 58.60                   | 6280                                                         | 2.6                                    |              |                       |
| 27                                              | 65                                               | 49.79                   | 6010                                                         | 3.1                                    |              |                       |
| 30                                              | 58                                               | 44.46                   | 5830                                                         | 3.5                                    |              |                       |
| 35                                              | 49                                               | 37.97                   | 5580                                                         | 4.1                                    |              |                       |
| 37                                              | 46                                               | 35.57                   | 5480                                                         | 4.3                                    | K 37         | 4                     |
| 44                                              | 39                                               | 29.96                   | 5220                                                         | 5.1                                    | KF 37        | 4                     |
| 46                                              | 38                                               | 28.83                   | 5160                                                         | 5.3                                    | KA 37        | 4                     |
| 53                                              | 33                                               | 24.99                   | 4950                                                         | 6.2                                    | KAF 37       | 4                     |
| 57                                              | 30                                               | 23.36                   | 4850                                                         | 6.4                                    |              |                       |
| 65                                              | 26                                               | 20.19                   | 4650                                                         | 7.0                                    |              |                       |
| 77                                              | 22                                               | 17.15                   | 4430                                                         | 8.1                                    |              |                       |
| 86                                              | 20                                               | 15.31                   | 4280                                                         | 8.8                                    |              |                       |
| 101                                             | 17                                               | 13.08                   | 4080                                                         | 9.7                                    |              |                       |
| 109                                             | 16                                               | 12.14                   | 3980                                                         | 10                                     |              |                       |
| 126                                             | 14                                               | 10.49                   | 3810                                                         | 12                                     |              |                       |
| 148                                             | 12                                               | 8.91                    | 3620                                                         | 14                                     |              |                       |
| 166                                             | 10                                               | 7.96                    | 3490                                                         | 15                                     |              |                       |
| <b>0.25kw</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.13                                            | 15300                                            | 9819                    | 75300                                                        | 0.85                                   |              |                       |
| 0.15                                            | 13000                                            | 8443                    | 79200                                                        | 1.00                                   |              |                       |
| 0.17                                            | 11700                                            | 7482                    | 79900                                                        | 1.10                                   | K 127R77     | 4                     |
| 0.20                                            | 10200                                            | 6565                    | 80600                                                        | 1.30                                   | KF 127R77    | 4                     |
| 0.22                                            | 8770                                             | 5804                    | 81200                                                        | 1.50                                   | KA 127R77    | 4                     |
| 0.26                                            | 7670                                             | 5027                    | 81600                                                        | 1.70                                   | KAF127R77    | 4                     |
| 0.29                                            | 6680                                             | 4423                    | 81900                                                        | 1.95                                   |              |                       |
| 0.33                                            | 5850                                             | 3889                    | 82100                                                        | 2.2                                    |              |                       |
| 0.39                                            | 4930                                             | 3311                    | 82300                                                        | 2.6                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kw</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.21                                            | 9400                                             | 6184                    | 65000                                                        | 0.85                                   |              |                       |
| 0.23                                            | 8520                                             | 5662                    | 65000                                                        | 0.95                                   |              |                       |
| 0.25                                            | 7730                                             | 5138                    | 65000                                                        | 1.05                                   |              |                       |
| 0.30                                            | 6700                                             | 4359                    | 65000                                                        | 1.20                                   | K 107R77     | 4                     |
| 0.34                                            | 5850                                             | 3810                    | 65000                                                        | 1.35                                   | KF 107R77    | 4                     |
| 0.39                                            | 5070                                             | 3358                    | 65000                                                        | 1.60                                   | KA 107R77    | 4                     |
| 0.44                                            | 4540                                             | 2977                    | 65000                                                        | 1.75                                   | KAF107R77    | 4                     |
| 0.50                                            | 3970                                             | 2599                    | 65000                                                        | 2.0                                    |              |                       |
| 0.57                                            | 3450                                             | 2286                    | 65000                                                        | 2.3                                    |              |                       |
| 0.67                                            | 2930                                             | 1939                    | 65000                                                        | 2.7                                    |              |                       |
| 0.76                                            | 2640                                             | 1713                    | 65000                                                        | 3.0                                    | K 107R77     | 4                     |
| 0.84                                            | 2390                                             | 1554                    | 65000                                                        | 3.3                                    | KF 107R77    | 4                     |
| 0.97                                            | 2060                                             | 1336                    | 65000                                                        | 3.9                                    | KA 107R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF107R77    | 4                     |
| 0.42                                            | 4890                                             | 3108                    | 40000                                                        | 0.90                                   | K 97 R57     | 4                     |
| 0.47                                            | 4250                                             | 2757                    | 40000                                                        | 1.00                                   | KF 97 R57    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KA 97 R57    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF97 R57    | 4                     |
| 0.54                                            | 3840                                             | 2419                    | 40000                                                        | 1.10                                   |              |                       |
| 0.61                                            | 3340                                             | 2123                    | 40000                                                        | 1.30                                   |              |                       |
| 0.70                                            | 2950                                             | 1856                    | 40000                                                        | 1.45                                   | K 97 R57     | 4                     |
| 0.80                                            | 2520                                             | 1625                    | 40000                                                        | 1.70                                   | KF 97 R57    | 4                     |
| 0.91                                            | 2190                                             | 1430                    | 40000                                                        | 1.95                                   | KA 97 R57    | 4                     |
| 1.0                                             | 2010                                             | 1261                    | 40000                                                        | 2.1                                    | KAF97 R57    | 4                     |
| 1.2                                             | 1750                                             | 1102                    | 40000                                                        | 2.5                                    |              |                       |
| 1.4                                             | 1520                                             | 957                     | 40000                                                        | 2.8                                    |              |                       |
| 1.5                                             | 1360                                             | 855                     | 40000                                                        | 3.2                                    |              |                       |
| 0.62                                            | 3320                                             | 2088                    | 26400                                                        | 0.80                                   |              |                       |
| 0.70                                            | 2950                                             | 1854                    | 27000                                                        | 0.90                                   |              |                       |
| 0.78                                            | 2640                                             | 1657                    | 27400                                                        | 1.00                                   |              |                       |
| 0.92                                            | 2250                                             | 1415                    | 27800                                                        | 1.20                                   | K 87 R57     | 4                     |
| 1.1                                             | 1950                                             | 1229                    | 28100                                                        | 1.40                                   | KF 87 R57    | 4                     |
| 1.2                                             | 1700                                             | 1078                    | 28300                                                        | 1.60                                   | KA 87 R57    | 4                     |
| 1.4                                             | 1470                                             | 951                     | 28500                                                        | 1.85                                   | KAF87 R57    | 4                     |
| 1.5                                             | 1280                                             | 837                     | 28600                                                        | 2.1                                    |              |                       |
| 1.8                                             | 1110                                             | 726                     | 28700                                                        | 2.4                                    |              |                       |
| 2.0                                             | 990                                              | 638                     | 28800                                                        | 2.7                                    |              |                       |
| 1.2                                             | 1690                                             | 1053                    | 14300                                                        | 0.90                                   |              |                       |
| 1.4                                             | 1480                                             | 924                     | 15800                                                        | 1.05                                   |              |                       |
| 1.6                                             | 1310                                             | 815                     | 16900                                                        | 1.20                                   |              |                       |
| 1.8                                             | 1100                                             | 709                     | 17900                                                        | 1.40                                   |              |                       |
| 2.1                                             | 960                                              | 622                     | 18400                                                        | 1.60                                   |              |                       |
| 2.3                                             | 860                                              | 552                     | 18000                                                        | 1.80                                   | K 77 R37     | 4                     |
| 2.7                                             | 755                                              | 485                     | 19100                                                        | 2.0                                    | KF 77 R37    | 4                     |
| 3.0                                             | 665                                              | 428                     | 19300                                                        | 2.3                                    | KA 77 R37    | 4                     |
| 3.5                                             | 580                                              | 367                     | 19500                                                        | 2.7                                    | KAF77 R37    | 4                     |
| 4.0                                             | 515                                              | 328                     | 19700                                                        | 3.0                                    |              |                       |
| 4.5                                             | 460                                              | 290                     | 19800                                                        | 3.4                                    |              |                       |
| 5.2                                             | 395                                              | 252                     | 19900                                                        | 3.9                                    |              |                       |
| 5.9                                             | 345                                              | 221                     | 19900                                                        | 4.5                                    |              |                       |
| 6.7                                             | 305                                              | 195                     | 20000                                                        | 5.1                                    |              |                       |
| 7.4                                             | 270                                              | 175                     | 20000                                                        | 5.7                                    |              |                       |
| 2.1                                             | 960                                              | 613                     | 7350                                                         | 0.85                                   |              |                       |
| 2.4                                             | 850                                              | 542                     | 10100                                                        | 0.95                                   |              |                       |
| 2.8                                             | 755                                              | 471                     | 10900                                                        | 1.10                                   |              |                       |
| 3.1                                             | 655                                              | 420                     | 11600                                                        | 1.25                                   | K 67 R37     | 4                     |
| 3.6                                             | 575                                              | 361                     | 12000                                                        | 1.45                                   | KF 67 R37    | 4                     |
| 4.0                                             | 510                                              | 323                     | 12400                                                        | 1.60                                   | KA 67 R37    | 4                     |
| 4.7                                             | 435                                              | 279                     | 12700                                                        | 1.90                                   | KAF67 R37    | 4                     |
| 5.3                                             | 385                                              | 246                     | 12900                                                        | 2.1                                    |              |                       |
| 6.0                                             | 335                                              | 217                     | 13000                                                        | 2.4                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 3.1                                             | 655                                              | 421                     | 5750                                                         | 0.90                                   |              |                       |
| 3.6                                             | 575                                              | 362                     | 7840                                                         | 1.05                                   |              |                       |
| 4.1                                             | 505                                              | 319                     | 8380                                                         | 1.20                                   |              |                       |
| 4.7                                             | 435                                              | 280                     | 8720                                                         | 1.35                                   |              |                       |
| 5.3                                             | 385                                              | 246                     | 8950                                                         | 1.55                                   | K 57R37      | 4                     |
| 6.1                                             | 335                                              | 215                     | 9150                                                         | 1.80                                   | KF 57R37     | 4                     |
| 6.8                                             | 300                                              | 192                     | 9280                                                         | 2.0                                    | KA 57R37     | 4                     |
| 7.8                                             | 260                                              | 166                     | 9430                                                         | 2.3                                    | KAF 57R37    | 4                     |
| 9.0                                             | 225                                              | 145                     | 9550                                                         | 2.7                                    |              |                       |
| 10                                              | 205                                              | 129                     | 9620                                                         | 2.9                                    |              |                       |
| 12                                              | 173                                              | 111                     | 9720                                                         | 3.5                                    |              |                       |
| 13                                              | 152                                              | 97                      | 9780                                                         | 4.0                                    |              |                       |
| 4.4                                             | 540                                              | 154.02                  | 19600                                                        | 2.9                                    | K 77         | 8                     |
| 5.0                                             | 475                                              | 135.28                  | 19700                                                        | 3.3                                    | KF 77        | 8                     |
| 5.3                                             | 450                                              | 128.52                  | 19800                                                        | 3.4                                    | KA 77        | 8                     |
| 6.0                                             | 400                                              | 113.56                  | 19900                                                        | 3.9                                    | KAF 77       | 8                     |
| 4.6                                             | 520                                              | 192.18                  | 19700                                                        | 2.8                                    | K 77         | 6                     |
| 4.9                                             | 485                                              | 179.37                  | 19700                                                        | 3.0                                    | KF 77        | 6                     |
| 5.7                                             | 420                                              | 154.02                  | 19800                                                        | 3.7                                    | KA 77        | 6                     |
| 6.5                                             | 365                                              | 135.28                  | 19900                                                        | 4.2                                    | KAF 77       | 6                     |
| 5.5                                             | 435                                              | 123.54                  | 12700                                                        | 1.90                                   | K 67         | 8                     |
| 6.3                                             | 380                                              | 108.03                  | 12900                                                        | 2.2                                    | KF 67        | 8                     |
| 6.6                                             | 360                                              | 102.62                  | 12900                                                        | 2.3                                    | KA 67        | 8                     |
| 7.6                                             | 315                                              | 90.04                   | 13000                                                        | 2.6                                    | KAF 67       | 8                     |
| 6.1                                             | 395                                              | 144.79                  | 12800                                                        | 2.1                                    | K 67         | 6                     |
| 7.1                                             | 335                                              | 123.54                  | 13000                                                        | 2.5                                    | KF 67        | 6                     |
| 8.1                                             | 395                                              | 108.03                  | 13000                                                        | 2.8                                    | KA 67        | 6                     |
| 8.6                                             | 280                                              | 102.62                  | 13000                                                        | 3.0                                    | KAF 67       | 6                     |
| 9.0                                             | 265                                              | 144.79                  | 13000                                                        | 3.1                                    | K 67         | 4                     |
| 11                                              | 225                                              | 123.54                  | 13000                                                        | 3.6                                    | KF 67        | 4                     |
| 12                                              | 198                                              | 108.03                  | 13000                                                        | 4.1                                    | KA 67        | 4                     |
| 13                                              | 189                                              | 102.62                  | 13000                                                        | 4.3                                    | KAF 67       | 4                     |
| 6.1                                             | 395                                              | 145.14                  | 8910                                                         | 1.50                                   | K 57         | 6                     |
| 7.1                                             | 335                                              | 123.85                  | 9150                                                         | 1.80                                   | KF 57        | 6                     |
| 8.1                                             | 295                                              | 108.29                  | 9310                                                         | 2.0                                    | KA 57        | 6                     |
| 8.6                                             | 280                                              | 102.88                  | 9360                                                         | 2.2                                    | KAF 57       | 6                     |
| 9.8                                             | 245                                              | 90.26                   | 9480                                                         | 2.5                                    |              |                       |
| 11                                              | 210                                              | 76.56                   | 9610                                                         | 2.9                                    |              |                       |
| 9.0                                             | 265                                              | 145.14                  | 9410                                                         | 2.2                                    | K 57         | 4                     |
| 11                                              | 225                                              | 123.85                  | 9540                                                         | 2.6                                    | KF 57        | 4                     |
| 12                                              | 199                                              | 108.29                  | 9640                                                         | 3.0                                    | KA 57        | 4                     |
| 13                                              | 189                                              | 102.88                  | 9670                                                         | 3.2                                    | KAF 57       | 4                     |
| 14                                              | 166                                              | 90.26                   | 9740                                                         | 3.6                                    |              |                       |
| 17                                              | 141                                              | 76.56                   | 9810                                                         | 4.3                                    |              |                       |
| 6.7                                             | 360                                              | 131.87                  | 6470                                                         | 1.10                                   | K 47         | 6                     |
| 7.2                                             | 330                                              | 121.48                  | 6780                                                         | 1.20                                   | KF 47        | 6                     |
| 8.4                                             | 285                                              | 104.37                  | 7210                                                         | 1.40                                   | KA 47        | 6                     |
| 9.7                                             | 245                                              | 90.86                   | 7480                                                         | 1.60                                   | KAF 47       | 6                     |
| 10                                              | 230                                              | 85.12                   | 7590                                                         | 1.75                                   |              |                       |
| 9.9                                             | 240                                              | 131.87                  | 7510                                                         | 1.65                                   | K 47         | 4                     |
| 11                                              | 225                                              | 121.48                  | 7640                                                         | 1.80                                   | KF 47        | 4                     |
| 12                                              | 192                                              | 104.37                  | 7820                                                         | 2.1                                    | KA 47        | 4                     |
| 14                                              | 167                                              | 90.86                   | 7930                                                         | 2.4                                    | KAF 47       | 4                     |
| 15                                              | 156                                              | 85.12                   | 7980                                                         | 2.6                                    |              |                       |
| 11                                              | 225                                              | 83.69                   | 5300                                                         | 0.90                                   | K 37         | 6                     |
| 12                                              | 197                                              | 72.54                   | 5680                                                         | 1.00                                   | KF 37        | 6                     |
| 13                                              | 184                                              | 67.80                   | 5810                                                         | 1.10                                   | KA 37        | 6                     |
| 15                                              | 159                                              | 58.60                   | 6050                                                         | 1.25                                   | KAF 37       | 6                     |
| 18                                              | 135                                              | 49.79                   | 6230                                                         | 1.50                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 12                                              | 195                                              | 106.38                  | 5690                                                         | 1.00                                   |              |                       |
| 13                                              | 180                                              | 97.81                   | 5860                                                         | 1.10                                   |              |                       |
| 16                                              | 154                                              | 83.69                   | 6090                                                         | 1.30                                   |              |                       |
| 18                                              | 133                                              | 72.54                   | 6250                                                         | 1.50                                   |              |                       |
| 19                                              | 125                                              | 67.80                   | 6230                                                         | 1.60                                   |              |                       |
| 22                                              | 108                                              | 58.60                   | 6030                                                         | 1.85                                   |              |                       |
| 26                                              | 91                                               | 49.79                   | 5810                                                         | 2.2                                    |              |                       |
| 29                                              | 82                                               | 44.46                   | 5650                                                         | 2.5                                    |              |                       |
| 34                                              | 70                                               | 37.97                   | 5430                                                         | 2.9                                    |              |                       |
| 37                                              | 65                                               | 35.57                   | 5340                                                         | 3.1                                    |              |                       |
| 43                                              | 55                                               | 29.96                   | 5100                                                         | 3.6                                    | K 37         | 4                     |
| 45                                              | 53                                               | 28.83                   | 5050                                                         | 3.8                                    | KF 37        | 4                     |
| 52                                              | 46                                               | 24.99                   | 4860                                                         | 4.4                                    | KA 37        | 4                     |
| 56                                              | 43                                               | 23.36                   | 4770                                                         | 4.6                                    | KAF 37       | 4                     |
| 64                                              | 37                                               | 20.19                   | 4580                                                         | 5.0                                    |              |                       |
| 76                                              | 32                                               | 17.15                   | 4370                                                         | 5.7                                    |              |                       |
| 85                                              | 28                                               | 15.31                   | 4230                                                         | 6.2                                    |              |                       |
| 99                                              | 24                                               | 13.08                   | 4030                                                         | 6.9                                    |              |                       |
| 107                                             | 22                                               | 12.14                   | 3940                                                         | 7.2                                    |              |                       |
| 124                                             | 19                                               | 10.49                   | 3780                                                         | 8.3                                    |              |                       |
| 146                                             | 16                                               | 8.91                    | 3590                                                         | 9.8                                    |              |                       |
| 163                                             | 15                                               | 7.96                    | 3470                                                         | 11                                     |              |                       |
| 191                                             | 13                                               | 6.80                    | 3310                                                         | 12                                     |              |                       |
| 204                                             | 12                                               | 6.37                    | 3240                                                         | 12                                     |              |                       |
| <b>0.37kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 0.18                                            | 16600                                            | 7482                    | 72600                                                        | 0.80                                   |              |                       |
| 0.21                                            | 14500                                            | 6565                    | 76900                                                        | 0.90                                   | K 127R77     | 4                     |
| 0.24                                            | 12600                                            | 5804                    | 79400                                                        | 1.05                                   | KF 127R77    | 4                     |
| 0.27                                            | 11000                                            | 5027                    | 80200                                                        | 1.20                                   | KA 127R77    | 4                     |
| 0.31                                            | 9610                                             | 4432                    | 80800                                                        | 1.35                                   | KAF 127R77   | 4                     |
| 0.35                                            | 8430                                             | 3889                    | 81300                                                        | 1.55                                   |              |                       |
| 0.42                                            | 7120                                             | 3311                    | 81700                                                        | 1.85                                   |              |                       |
| 0.72                                            | 4230                                             | 1926                    | 82500                                                        | 3.1                                    | K 127R77     | 4                     |
| 0.79                                            | 3860                                             | 1757                    | 82500                                                        | 3.4                                    | KF 127R77    | 4                     |
| 0.90                                            | 3360                                             | 1541                    | 82600                                                        | 3.9                                    | KA 127R77    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 127R77   | 4                     |
| 0.36                                            | 8380                                             | 3810                    | 65000                                                        | 0.95                                   |              |                       |
| 0.41                                            | 7300                                             | 3358                    | 65000                                                        | 1.10                                   | K 107R77     | 4                     |
| 0.46                                            | 6510                                             | 2977                    | 65000                                                        | 1.25                                   | KF 107R77    | 4                     |
| 0.53                                            | 5690                                             | 2599                    | 65000                                                        | 1.40                                   | KA 107R77    | 4                     |
| 0.60                                            | 4970                                             | 2286                    | 65000                                                        | 1.60                                   | KAF 107R77   | 4                     |
| 0.71                                            | 4210                                             | 1939                    | 65000                                                        | 1.90                                   |              |                       |
| 0.81                                            | 3790                                             | 1713                    | 65000                                                        | 2.1                                    | K 107R77     | 4                     |
| 0.89                                            | 3440                                             | 1554                    | 65000                                                        | 2.3                                    | KF 107R77    | 4                     |
| 1.0                                             | 2950                                             | 1336                    | 65000                                                        | 2.7                                    | KA 107R77    | 4                     |
| 1.2                                             | 2580                                             | 1166                    | 65000                                                        | 3.1                                    | KAF 107R77   | 4                     |
| 0.65                                            | 4770                                             | 2123                    | 40000                                                        | 0.90                                   |              |                       |
| 0.74                                            | 4200                                             | 1856                    | 40000                                                        | 1.00                                   |              |                       |
| 0.85                                            | 3610                                             | 1625                    | 40000                                                        | 1.20                                   |              |                       |
| 0.96                                            | 3160                                             | 1430                    | 40000                                                        | 1.35                                   | K 97 R57     | 4                     |
| 1.1                                             | 2850                                             | 1261                    | 40000                                                        | 1.50                                   | KF 97 R57    | 4                     |
| 1.2                                             | 2490                                             | 1102                    | 40000                                                        | 1.70                                   | KA 97 R57    | 4                     |
| 1.4                                             | 2160                                             | 957                     | 40000                                                        | 2.0                                    | KAF 97 R57   | 4                     |
| 1.6                                             | 1930                                             | 855                     | 40000                                                        | 2.2                                    |              |                       |
| 1.9                                             | 1620                                             | 743                     | 40000                                                        | 2.7                                    |              |                       |
| 2.1                                             | 1430                                             | 652                     | 40000                                                        | 3.0                                    |              |                       |
| 2.4                                             | 1280                                             | 273                     | 40000                                                        | 3.4                                    |              |                       |
| 0.97                                            | 3200                                             | 1415                    | 26600                                                        | 0.85                                   |              |                       |
| 1.1                                             | 2770                                             | 1229                    | 27200                                                        | 0.95                                   |              |                       |
| 1.3                                             | 2420                                             | 1078                    | 27600                                                        | 1.10                                   |              |                       |
| 1.5                                             | 2110                                             | 651                     | 27900                                                        | 1.30                                   | K 87 R57     | 4                     |
| 1.6                                             | 1850                                             | 837                     | 28200                                                        | 1.45                                   | KF 87 R57    | 4                     |
| 1.9                                             | 1600                                             | 726                     | 28400                                                        | 1.70                                   | KA 87 R57    | 4                     |
| 2.2                                             | 1420                                             | 638                     | 28500                                                        | 1.90                                   | KAF 87 R57   | 4                     |
| 2.5                                             | 1240                                             | 562                     | 28600                                                        | 2.2                                    |              |                       |
| 2.9                                             | 1040                                             | 474                     | 28800                                                        | 2.6                                    |              |                       |
| 3.2                                             | 940                                              | 426                     | 28800                                                        | 2.9                                    |              |                       |
| 3.7                                             | 810                                              | 373                     | 28900                                                        | 3.3                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.37kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 1.7                                             | 1860                                           | 815                     | 10600                                                        | 0.85                                   |              |                       |
| 2.0                                             | 1580                                           | 709                     | 15200                                                        | 1.00                                   |              |                       |
| 2.2                                             | 1380                                           | 622                     | 16500                                                        | 1.10                                   |              |                       |
| 2.5                                             | 1230                                           | 552                     | 17300                                                        | 1.25                                   |              |                       |
| 2.8                                             | 1080                                           | 485                     | 18000                                                        | 1.45                                   |              |                       |
| 3.2                                             | 950                                            | 428                     | 18500                                                        | 1.60                                   | K 77R37      | 4                     |
| 3.8                                             | 830                                            | 367                     | 18900                                                        | 1.85                                   | KF 77R37     | 4                     |
| 4.2                                             | 735                                            | 328                     | 19200                                                        | 2.1                                    | KA 77R37     | 4                     |
| 4.8                                             | 655                                            | 290                     | 19400                                                        | 2.4                                    | KAF 77R37    | 4                     |
| 5.5                                             | 565                                            | 252                     | 19600                                                        | 2.8                                    |              |                       |
| 6.2                                             | 495                                            | 221                     | 19700                                                        | 3.1                                    |              |                       |
| 7.1                                             | 435                                            | 195                     | 19800                                                        | 3.5                                    |              |                       |
| 7.9                                             | 390                                            | 175                     | 19900                                                        | 4.0                                    |              |                       |
| 9.0                                             | 340                                            | 154                     | 19900                                                        | 4.5                                    |              |                       |
| 3.3                                             | 940                                            | 420                     | 9000                                                         | 0.90                                   |              |                       |
| 3.8                                             | 820                                            | 361                     | 10300                                                        | 1.00                                   |              |                       |
| 4.3                                             | 725                                            | 323                     | 11100                                                        | 1.15                                   |              |                       |
| 4.9                                             | 625                                            | 279                     | 11800                                                        | 1.30                                   | K 67R37      | 4                     |
| 5.6                                             | 550                                            | 246                     | 12200                                                        | 1.50                                   | KF 67R37     | 4                     |
| 6.3                                             | 485                                            | 217                     | 12500                                                        | 1.70                                   | KA 67R37     | 4                     |
| 7.2                                             | 430                                            | 191                     | 12700                                                        | 1.90                                   | KAF 67R37    | 4                     |
| 8.3                                             | 370                                            | 166                     | 12900                                                        | 2.2                                    |              |                       |
| 9.6                                             | 320                                            | 144                     | 13000                                                        | 2.5                                    |              |                       |
| 11                                              | 275                                            | 122                     | 13000                                                        | 3.0                                    |              |                       |
| 4.9                                             | 625                                            | 280                     | 7430                                                         | 0.95                                   |              |                       |
| 5.6                                             | 550                                            | 246                     | 8040                                                         | 1.10                                   |              |                       |
| 6.4                                             | 480                                            | 215                     | 8520                                                         | 1.25                                   |              |                       |
| 7.2                                             | 430                                            | 192                     | 8750                                                         | 1.40                                   | K 57R37      | 4                     |
| 8.3                                             | 370                                            | 166                     | 9000                                                         | 1.60                                   | KF 57R37     | 4                     |
| 9.6                                             | 325                                            | 145                     | 9200                                                         | 1.85                                   | KA 57R37     | 4                     |
| 11                                              | 290                                            | 129                     | 9320                                                         | 2.1                                    | KAF 57R37    | 4                     |
| 12                                              | 245                                            | 111                     | 9480                                                         | 2.4                                    |              |                       |
| 14                                              | 215                                            | 97                      | 9580                                                         | 2.8                                    |              |                       |
| 3.9                                             | 910                                            | 174.19                  | 28800                                                        | 3.0                                    | K 87         | 8                     |
| 4.1                                             | 850                                            | 164.34                  | 28900                                                        | 3.2                                    | KF 87        |                       |
| 4.6                                             | 765                                            | 147.32                  | 28900                                                        | 3.5                                    | KA 87        |                       |
|                                                 |                                                |                         |                                                              |                                        | KAF 87       |                       |
| 4.6                                             | 775                                            | 197.37                  | 28900                                                        | 3.5                                    | K 87         | 6                     |
| 5.2                                             | 685                                            | 174.19                  | 28900                                                        | 4.0                                    | KF 87        | 6                     |
|                                                 |                                                |                         |                                                              |                                        | KA 87        | 6                     |
|                                                 |                                                |                         |                                                              |                                        | KAF 87       | 6                     |
| 5.0                                             | 705                                            | 135.28                  | 19300                                                        | 2.2                                    | K 77         | 8                     |
| 5.3                                             | 670                                            | 128.52                  | 19300                                                        | 2.3                                    | KF 77        |                       |
| 6.0                                             | 590                                            | 113.56                  | 19500                                                        | 2.6                                    | KA 77        |                       |
| 7.0                                             | 505                                            | 97.05                   | 19700                                                        | 3.1                                    | KAF 77       |                       |
| 5.8                                             | 605                                            | 154.05                  | 19500                                                        | 2.6                                    | K 77         | 6                     |
| 6.7                                             | 530                                            | 135.28                  | 19600                                                        | 2.9                                    | KF 77        | 6                     |
| 7.0                                             | 505                                            | 128.52                  | 19700                                                        | 3.1                                    | KA 77        | 6                     |
| 7.9                                             | 445                                            | 113.56                  | 19800                                                        | 3.5                                    | KAF 77       | 6                     |
| 7.2                                             | 490                                            | 192.18                  | 19700                                                        | 3.0                                    | K 77         | 4                     |
| 7.7                                             | 460                                            | 179.37                  | 19800                                                        | 3.2                                    | KF 77        | 4                     |
| 9.0                                             | 395                                            | 154.02                  | 19900                                                        | 3.9                                    | KA 77        | 4                     |
|                                                 |                                                |                         |                                                              |                                        | KAF 77       | 4                     |
| 6.3                                             | 560                                            | 108.03                  | 12100                                                        | 1.45                                   | K 67         | 8                     |
| 3.3                                             | 535                                            | 102.62                  | 12300                                                        | 1.55                                   | KF 67        |                       |
| 7.6                                             | 470                                            | 90.04                   | 12600                                                        | 1.75                                   | KA 67        |                       |
|                                                 |                                                |                         |                                                              |                                        | KAF 67       |                       |
| 7.3                                             | 485                                            | 123.54                  | 12500                                                        | 1.70                                   | K 67         | 6                     |
| 8.3                                             | 425                                            | 108.03                  | 12700                                                        | 1.95                                   | KF 67        | 6                     |
| 8.8                                             | 405                                            | 102.62                  | 12800                                                        | 2.0                                    | KA 67        | 6                     |
| 10                                              | 355                                            | 90.04                   | 13000                                                        | 2.3                                    | KAF 67       | 6                     |
| 9.5                                             | 370                                            | 144.79                  | 12900                                                        | 2.2                                    | K 67         | 4                     |
| 11                                              | 315                                            | 123.54                  | 13000                                                        | 2.6                                    | KF 67        | 4                     |
| 13                                              | 275                                            | 108.03                  | 13000                                                        | 3.0                                    | KA 67        | 4                     |
| 15                                              | 230                                            | 90.04                   | 13000                                                        | 3.6                                    | KAF 67       | 4                     |
| 18                                              | 196                                            | 76.37                   | 13000                                                        | 4.2                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.37kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 7.3                                             | 485                                            | 123.85                  | 8490                                                         | 1.25                                   |              |                       |
| 8.3                                             | 425                                            | 108.29                  | 8770                                                         | 1.40                                   | K 57         | 6                     |
| 8.8                                             | 405                                            | 102.88                  | 8870                                                         | 1.50                                   | KF 57        | 6                     |
| 10                                              | 355                                            | 90.26                   | 9070                                                         | 1.70                                   | KA 57        | 6                     |
| 12                                              | 300                                            | 76.56                   | 9280                                                         | 2.0                                    | KAF 57       | 6                     |
| 13                                              | 270                                            | 69.12                   | 9390                                                         | 2.2                                    |              |                       |
| 9.5                                             | 370                                            | 145.14                  | 9000                                                         | 1.60                                   |              |                       |
| 11                                              | 315                                            | 123.85                  | 9220                                                         | 1.90                                   |              |                       |
| 13                                              | 275                                            | 108.29                  | 9370                                                         | 2.2                                    | K 57         | 4                     |
| 13                                              | 265                                            | 102.88                  | 9420                                                         | 2.3                                    | KF 57        | 4                     |
| 15                                              | 230                                            | 90.26                   | 9530                                                         | 2.6                                    | KA 57        | 4                     |
| 18                                              | 196                                            | 76.56                   | 9650                                                         | 3.1                                    | KAF 57       | 4                     |
| 20                                              | 177                                            | 69.12                   | 9700                                                         | 3.4                                    |              |                       |
| 8.6                                             | 410                                            | 104.37                  | 5490                                                         | 1.00                                   | K 47         | 6                     |
| 9.9                                             | 355                                            | 90.86                   | 6480                                                         | 1.10                                   | KF 47        | 6                     |
| 11                                              | 335                                            | 85.12                   | 6730                                                         | 1.20                                   | KA 47        | 6                     |
| 12                                              | 295                                            | 75.20                   | 7100                                                         | 1.35                                   | KAF 47       | 6                     |
| 10                                              | 340                                            | 131.87                  | 6690                                                         | 1.20                                   | K 47         | 4                     |
| 11                                              | 310                                            | 121.48                  | 6960                                                         | 1.30                                   | KF 47        | 4                     |
| 13                                              | 265                                            | 104.37                  | 7330                                                         | 1.50                                   | KA 47        | 4                     |
|                                                 |                                                |                         |                                                              |                                        | KAF 47       | 4                     |
| 15                                              | 235                                            | 90.86                   | 7580                                                         | 1.70                                   | K 47         | 4                     |
| 16                                              | 220                                            | 85.12                   | 7670                                                         | 1.85                                   | KF 47        | 4                     |
| 18                                              | 193                                            | 75.20                   | 7810                                                         | 2.1                                    | KA 47        | 4                     |
| 20                                              | 179                                            | 69.80                   | 7880                                                         | 2.2                                    | KAF 47       | 4                     |
| 22                                              | 162                                            | 63.30                   | 7960                                                         | 2.5                                    |              |                       |
| 14                                              | 250                                            | 97.81                   | 2520                                                         | 0.80                                   |              |                       |
| 16                                              | 215                                            | 83.69                   | 5470                                                         | 0.95                                   |              |                       |
| 19                                              | 186                                            | 72.54                   | 5690                                                         | 1.10                                   |              |                       |
| 20                                              | 174                                            | 67.80                   | 5630                                                         | 1.15                                   |              |                       |
| 24                                              | 150                                            | 58.60                   | 5510                                                         | 1.35                                   |              |                       |
| 28                                              | 128                                            | 49.79                   | 5350                                                         | 1.55                                   |              |                       |
| 31                                              | 114                                            | 44.46                   | 5230                                                         | 1.75                                   |              |                       |
| 36                                              | 97                                             | 37.97                   | 5060                                                         | 2.1                                    |              |                       |
| 39                                              | 91                                             | 35.57                   | 4990                                                         | 2.2                                    |              |                       |
| 46                                              | 77                                             | 29.96                   | 4800                                                         | 2.6                                    |              |                       |
| 48                                              | 74                                             | 28.83                   | 4750                                                         | 2.7                                    | K 37         | 4                     |
| 55                                              | 64                                             | 24.99                   | 4590                                                         | 3.1                                    | KF 37        | 4                     |
| 59                                              | 60                                             | 23.36                   | 4510                                                         | 3.3                                    | KA 37        | 4                     |
| 68                                              | 52                                             | 20.19                   | 4350                                                         | 3.6                                    | KAF 37       | 4                     |
| 80                                              | 44                                             | 17.15                   | 4160                                                         | 4.1                                    |              |                       |
| 90                                              | 39                                             | 15.31                   | 4040                                                         | 4.5                                    |              |                       |
| 105                                             | 34                                             | 13.08                   | 3860                                                         | 4.9                                    |              |                       |
| 114                                             | 31                                             | 12.14                   | 3780                                                         | 5.1                                    |              |                       |
| 132                                             | 27                                             | 10.49                   | 3630                                                         | 5.9                                    |              |                       |
| 155                                             | 23                                             | 8.91                    | 3460                                                         | 7.0                                    |              |                       |
| 176                                             | 20                                             | 7.96                    | 3350                                                         | 7.6                                    |              |                       |
| 203                                             | 17                                             | 6.80                    | 3190                                                         | 8.6                                    |              |                       |
| 217                                             | 16                                             | 6.37                    | 3130                                                         | 8.9                                    |              |                       |
| 257                                             | 14                                             | 5.36                    | 2970                                                         | 10                                     |              |                       |
| <b>0.55kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 0.08                                            | 55900                                          | 16978                   | 179800                                                       | 0.90                                   |              |                       |
| 0.10                                            | 46500                                          | 14272                   | 190000                                                       | 1.10                                   |              |                       |
| 0.10                                            | 42500                                          | 13116                   | 190000                                                       | 1.20                                   | K 187R97     | 4                     |
| 0.12                                            | 37400                                          | 11647                   | 190000                                                       | 1.35                                   | KH 187R97    | 4                     |
| 0.19                                            | 23900                                          | 7343                    | 190000                                                       | 2.1                                    |              |                       |
| 0.12                                            | 38400                                          | 11573                   | 150000                                                       | 0.85                                   |              |                       |
| 0.13                                            | 33800                                          | 10264                   | 150000                                                       | 0.95                                   |              |                       |
| 0.16                                            | 28100                                          | 8628                    | 150000                                                       | 1.15                                   |              |                       |
| 0.21                                            | 21400                                          | 6562                    | 150000                                                       | 1.50                                   | K 167R97     | 4                     |
| 0.25                                            | 17200                                          | 5355                    | 150000                                                       | 1.85                                   | KH 167R97    | 4                     |
| 0.33                                            | 13200                                          | 4079                    | 150000                                                       | 2.4                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 0.20                                            | 22400                                            | 6881                  | 109700                                                       | 0.80                                   | K 157R97     | 4                     |
| 0.23                                            | 19300                                            | 5931                  | 111500                                                       | 0.95                                   | KF 157R97    | 4                     |
| 0.34                                            | 13000                                            | 3979                  | 114400                                                       | 1.40                                   | KA 157R97    | 4                     |
| 0.45                                            | 9940                                             | 3051                  | 115300                                                       | 1.80                                   | KAF 157R97   | 4                     |
| 0.31                                            | 14900                                            | 4423                  | 76200                                                        | 0.85                                   | K 127R77     | 4                     |
| 0.35                                            | 13000                                            | 3889                  | 79200                                                        | 1.00                                   | KF 127R77    | 4                     |
| 0.41                                            | 11100                                            | 3311                  | 80200                                                        | 1.20                                   | KA 127R77    | 4                     |
| 0.45                                            | 10000                                            | 3009                  | 80700                                                        | 1.30                                   | KAF 127R77   | 4                     |
| 0.52                                            | 8630                                             | 2607                  | 81200                                                        | 1.50                                   | KAF 127R77   | 4                     |
| 0.71                                            | 6560                                             | 1926                  | 81900                                                        | 2.0                                    | K 127R77     | 4                     |
| 0.77                                            | 5980                                             | 1757                  | 82100                                                        | 2.2                                    | KF 127R77    | 4                     |
| 0.88                                            | 5220                                             | 1541                  | 82300                                                        | 2.5                                    | KF 127R77    | 4                     |
| 1.0                                             | 4570                                             | 1342                  | 82400                                                        | 2.8                                    | KA 127R77    | 4                     |
| 1.2                                             | 3990                                             | 1177                  | 82500                                                        | 3.3                                    | KAF 127R77   | 4                     |
| 1.3                                             | 3490                                             | 1025                  | 82600                                                        | 3.7                                    | KAF 127R77   | 4                     |
| 0.46                                            | 10100                                            | 2977                  | 65000                                                        | 0.80                                   | K 107R77     | 4                     |
| 0.52                                            | 8770                                             | 2599                  | 65000                                                        | 0.90                                   | KF 107R77    | 4                     |
| 0.59                                            | 7690                                             | 2286                  | 65000                                                        | 1.05                                   | KA 107R77    | 4                     |
| 0.70                                            | 6520                                             | 1939                  | 65000                                                        | 1.25                                   | KAF 107R77   | 4                     |
| 0.79                                            | 5850                                             | 1713                  | 65000                                                        | 1.35                                   | K 107R77     | 4                     |
| 0.87                                            | 5310                                             | 1554                  | 65000                                                        | 1.50                                   | KF 107R77    | 4                     |
| 1.0                                             | 4570                                             | 1336                  | 65000                                                        | 1.75                                   | KA 107R77    | 4                     |
| 1.2                                             | 3990                                             | 1166                  | 65000                                                        | 2.0                                    | KAF 107R77   | 4                     |
| 1.3                                             | 3450                                             | 1030                  | 65000                                                        | 2.3                                    | KAF 107R77   | 4                     |
| 1.5                                             | 3000                                             | 904                   | 65000                                                        | 2.7                                    | KAF 107R77   | 4                     |
| 1.7                                             | 2700                                             | 793                   | 65000                                                        | 3.0                                    | KAF 107R77   | 4                     |
| 2.0                                             | 2360                                             | 696                   | 65000                                                        | 3.4                                    | KAF 107R77   | 4                     |
| 2.2                                             | 2050                                             | 615                   | 65000                                                        | 3.9                                    | KAF 107R77   | 4                     |
| 0.95                                            | 4880                                             | 1430                  | 40000                                                        | 0.90                                   | K 97 R57     | 4                     |
| 1.1                                             | 4380                                             | 1261                  | 40000                                                        | 1.00                                   | KF 97 R57    | 4                     |
| 1.2                                             | 3820                                             | 1102                  | 40000                                                        | 1.15                                   | KA 97 R57    | 4                     |
| 1.4                                             | 3320                                             | 957                   | 40000                                                        | 1.30                                   | KAF 97 R57   | 4                     |
| 1.6                                             | 2960                                             | 855                   | 40000                                                        | 1.45                                   | KAF 97 R57   | 4                     |
| 1.8                                             | 2520                                             | 743                   | 40000                                                        | 1.70                                   | KAF 97 R57   | 4                     |
| 2.1                                             | 2220                                             | 652                   | 40000                                                        | 1.95                                   | KAF 97 R57   | 4                     |
| 2.4                                             | 1970                                             | 573                   | 40000                                                        | 2.2                                    | KAF 97 R57   | 4                     |
| 2.7                                             | 1700                                             | 504                   | 40000                                                        | 2.5                                    | KAF 97 R57   | 4                     |
| 3.1                                             | 1470                                             | 437                   | 40000                                                        | 2.9                                    | KAF 97 R57   | 4                     |
| 3.6                                             | 1300                                             | 382                   | 40000                                                        | 3.3                                    | KAF 97 R57   | 4                     |
| 4.5                                             | 1040                                             | 305                   | 40000                                                        | 4.1                                    | KAF 97 R57   | 4                     |
| 1.4                                             | 3260                                             | 951                   | 26500                                                        | 0.85                                   | K 87 R57     | 4                     |
| 1.6                                             | 2860                                             | 837                   | 27100                                                        | 0.95                                   | KF 87 R57    | 4                     |
| 1.9                                             | 2480                                             | 726                   | 27600                                                        | 1.10                                   | KA 87 R57    | 4                     |
| 2.1                                             | 2190                                             | 638                   | 27900                                                        | 1.25                                   | KAF 87 R57   | 4                     |
| 2.4                                             | 1920                                             | 562                   | 28100                                                        | 1.40                                   | KAF 87 R57   | 4                     |
| 2.9                                             | 1620                                             | 474                   | 28400                                                        | 1.65                                   | KAF 87 R57   | 4                     |
| 3.2                                             | 1450                                             | 426                   | 28500                                                        | 1.85                                   | KAF 87 R57   | 4                     |
| 3.7                                             | 1260                                             | 373                   | 28600                                                        | 2.1                                    | KAF 87 R57   | 4                     |
| 4.1                                             | 1110                                             | 330                   | 28700                                                        | 2.4                                    | KAF 87 R57   | 4                     |
| 4.6                                             | 990                                              | 294                   | 28800                                                        | 2.7                                    | KAF 87 R57   | 4                     |
| 5.4                                             | 850                                              | 250                   | 28900                                                        | 3.2                                    | KAF 87 R57   | 4                     |
| 5.8                                             | 800                                              | 236                   | 28900                                                        | 3.4                                    | KAF 87 R57   | 4                     |
| 6.8                                             | 680                                              | 201                   | 28900                                                        | 4.0                                    | KAF 87 R57   | 4                     |
| 2.5                                             | 1900                                             | 552                   | 5780                                                         | 0.80                                   | K 77 R37     | 4                     |
| 2.8                                             | 1670                                             | 485                   | 14500                                                        | 0.95                                   | KF 77 R37    | 4                     |
| 3.2                                             | 1470                                             | 428                   | 15900                                                        | 1.05                                   | KA 77 R37    | 4                     |
| 3.7                                             | 1270                                             | 367                   | 17100                                                        | 1.20                                   | KAF 77 R37   | 4                     |
| 4.2                                             | 1130                                             | 328                   | 17800                                                        | 1.35                                   | KAF 77 R37   | 4                     |
| 4.7                                             | 1000                                             | 290                   | 18300                                                        | 1.55                                   | KAF 77 R37   | 4                     |
| 5.4                                             | 870                                              | 252                   | 18800                                                        | 1.80                                   | KAF 77 R37   | 4                     |
| 6.2                                             | 760                                              | 221                   | 19100                                                        | 2.0                                    | KAF 77 R37   | 4                     |
| 7.0                                             | 670                                              | 195                   | 19300                                                        | 2.3                                    | KAF 77 R37   | 4                     |
| 7.8                                             | 600                                              | 175                   | 19500                                                        | 2.6                                    | KAF 77 R37   | 4                     |
| 8.8                                             | 530                                              | 154                   | 19600                                                        | 2.9                                    | KAF 77 R37   | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 4.9                                             | 960                                              | 279                   | 7360                                                         | 0.85                                   | K 67 R37     | 4                     |
| 5.5                                             | 840                                              | 246                   | 10100                                                        | 0.95                                   |              | 4                     |
| 6.2                                             | 745                                              | 217                   | 10900                                                        | 1.10                                   |              | 4                     |
| 7.1                                             | 660                                              | 191                   | 11500                                                        | 1.25                                   |              | 4                     |
| 8.2                                             | 570                                              | 166                   | 12100                                                        | 1.45                                   |              | 4                     |
| 9.4                                             | 495                                              | 144                   | 12400                                                        | 1.65                                   |              | 4                     |
| 11                                              | 420                                              | 122                   | 12700                                                        | 1.95                                   |              | 4                     |
| 7.1                                             | 660                                              | 192                   | 5180                                                         | 0.90                                   | K 57 R37     | 4                     |
| 8.2                                             | 575                                              | 166                   | 7850                                                         | 1.05                                   |              | 4                     |
| 9.4                                             | 495                                              | 145                   | 8430                                                         | 1.20                                   |              | 4                     |
| 11                                              | 445                                              | 129                   | 8680                                                         | 1.35                                   |              | 4                     |
| 12                                              | 380                                              | 111                   | 8970                                                         | 1.60                                   |              | 4                     |
| 14                                              | 335                                              | 97                    | 9150                                                         | 1.80                                   | KAF 57 R37   | 4                     |
| 3.9                                             | 1350                                             | 174.19                | 28600                                                        | 2.0                                    | K 87         | 8                     |
| 4.1                                             | 1270                                             | 164.34                | 28600                                                        | 2.1                                    |              | 8                     |
| 4.6                                             | 1140                                             | 147.32                | 28700                                                        | 2.4                                    |              | 8                     |
|                                                 |                                                  |                       |                                                              |                                        |              | 8                     |
| 4.6                                             | 1150                                             | 197.37                | 28700                                                        | 2.3                                    | K 87         | 6                     |
| 5.2                                             | 1020                                             | 174.19                | 28800                                                        | 2.7                                    |              | 6                     |
| 5.5                                             | 960                                              | 164.34                | 28800                                                        | 2.8                                    |              | 6                     |
| 6.1                                             | 860                                              | 147.32                | 28900                                                        | 3.1                                    |              | 6                     |
| 5.0                                             | 1040                                             | 135.28                | 18100                                                        | 1.50                                   | K 77         | 8                     |
| 5.3                                             | 990                                              | 128.52                | 18300                                                        | 1.55                                   |              | 8                     |
| 6.0                                             | 880                                              | 113.56                | 18700                                                        | 1.75                                   |              | 8                     |
| 7.0                                             | 750                                              | 97.05                 | 19100                                                        | 2.1                                    |              | 8                     |
| 5.8                                             | 900                                              | 154.02                | 18700                                                        | 1.70                                   | K 77         | 6                     |
| 6.7                                             | 790                                              | 135.28                | 19000                                                        | 1.95                                   |              | 6                     |
| 7.0                                             | 750                                              | 128.52                | 19100                                                        | 2.1                                    |              | 6                     |
| 7.9                                             | 665                                              | 113.56                | 19400                                                        | 2.3                                    |              | 6                     |
| 8.8                                             | 595                                              | 154.02                | 19500                                                        | 2.6                                    | K 77         | 4                     |
| 10                                              | 520                                              | 135.28                | 19700                                                        | 3.0                                    |              | 4                     |
| 11                                              | 495                                              | 128.52                | 19700                                                        | 3.1                                    |              | 4                     |
| 12                                              | 440                                              | 113.56                | 19800                                                        | 3.5                                    |              | 4                     |
| 14                                              | 375                                              | 97.05                 | 19900                                                        | 4.1                                    | KAF 77       | 4                     |
| 7.3                                             | 720                                              | 123.54                | 11100                                                        | 1.15                                   | K 67         | 6                     |
| 8.3                                             | 630                                              | 108.03                | 11700                                                        | 1.30                                   |              | 6                     |
| 8.8                                             | 600                                              | 102.62                | 11900                                                        | 1.35                                   |              | 6                     |
| 10                                              | 525                                              | 90.04                 | 12300                                                        | 1.55                                   |              | 6                     |
| 12                                              | 445                                              | 76.37                 | 12600                                                        | 1.85                                   | KAF 67       | 6                     |
| 11                                              | 475                                              | 123.54                | 12500                                                        | 1.70                                   | K 67         | 4                     |
| 13                                              | 415                                              | 108.03                | 12800                                                        | 1.95                                   |              | 4                     |
| 15                                              | 350                                              | 90.04                 | 13000                                                        | 2.4                                    |              | 4                     |
| 18                                              | 295                                              | 76.37                 | 13000                                                        | 2.8                                    |              | 4                     |
| 8.3                                             | 630                                              | 108.29                | 7360                                                         | 0.95                                   | K 57         | 6                     |
| 8.8                                             | 600                                              | 102.88                | 7630                                                         | 1.00                                   |              | 6                     |
| 10                                              | 525                                              | 90.26                 | 8220                                                         | 1.15                                   |              | 6                     |
| 12                                              | 445                                              | 76.56                 | 8670                                                         | 1.35                                   |              | 6                     |
| 13                                              | 405                                              | 69.12                 | 8870                                                         | 1.50                                   |              | 6                     |
| 15                                              | 355                                              | 60.81                 | 9070                                                         | 1.70                                   |              | 6                     |
| 16                                              | 335                                              | 57.42                 | 9150                                                         | 1.80                                   |              | 6                     |
| 11                                              | 480                                              | 123.85                | 8520                                                         | 1.25                                   | K 57         | 4                     |
| 13                                              | 420                                              | 108.29                | 8800                                                         | 1.45                                   |              | 4                     |
| 13                                              | 395                                              | 102.88                | 8890                                                         | 1.50                                   |              | 4                     |
| 15                                              | 350                                              | 90.26                 | 9100                                                         | 1.70                                   |              | 4                     |
| 18                                              | 295                                              | 76.56                 | 9300                                                         | 2.0                                    |              | 4                     |
| 20                                              | 265                                              | 69.12                 | 9410                                                         | 2.2                                    |              | 4                     |
| 22                                              | 235                                              | 60.81                 | 9520                                                         | 2.6                                    |              | 4                     |
| 24                                              | 220                                              | 57.42                 | 9560                                                         | 2.7                                    |              | 4                     |
| 13                                              | 405                                              | 104.37                | 5880                                                         | 1.00                                   | K 47         | 4                     |
| 15                                              | 350                                              | 90.86                 | 6550                                                         | 1.15                                   |              | 4                     |
| 16                                              | 330                                              | 85.12                 | 6790                                                         | 1.20                                   |              | 4                     |
| 18                                              | 290                                              | 75.20                 | 7150                                                         | 1.40                                   |              | 4                     |
| 19                                              | 270                                              | 69.84                 | 7310                                                         | 1.50                                   |              | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model                                         | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------|
| 0.55kW                                          |                                                  |                       |                                                              |                                        |                                                      |                       |
| 21                                              | 245                                              | 63.30                 | 7500                                                         | 1.65                                   | K 47                                                 | 4                     |
| 24                                              | 220                                              | 56.83                 | 7660                                                         | 1.80                                   | KF 47                                                | 4                     |
| 28                                              | 189                                              | 48.95                 | 7830                                                         | 2.1                                    | KA 47                                                | 4                     |
| 30                                              | 178                                              | 46.03                 | 7880                                                         | 2.2                                    | KAF 47                                               | 4                     |
| 23                                              | 225                                              | 58.60                 | 4850                                                         | 0.90                                   | K 37<br>KF 37<br>KA 37<br>KAF 37                     | 4                     |
| 27                                              | 192                                              | 49.79                 | 4790                                                         | 1.05                                   |                                                      |                       |
| 31                                              | 172                                              | 44.46                 | 4740                                                         | 1.15                                   |                                                      |                       |
| 36                                              | 147                                              | 37.97                 | 4640                                                         | 1.35                                   |                                                      |                       |
| 38                                              | 137                                              | 35.57                 | 4600                                                         | 1.45                                   |                                                      |                       |
| 45                                              | 116                                              | 29.96                 | 4470                                                         | 1.75                                   |                                                      |                       |
| 47                                              | 111                                              | 28.83                 | 4440                                                         | 1.80                                   |                                                      |                       |
| 54                                              | 97                                               | 24.99                 | 4320                                                         | 2.1                                    |                                                      |                       |
| 58                                              | 90                                               | 23.36                 | 4260                                                         | 2.2                                    |                                                      |                       |
| 67                                              | 78                                               | 20.19                 | 4130                                                         | 2.4                                    |                                                      |                       |
| 79                                              | 66                                               | 17.15                 | 3980                                                         | 2.7                                    |                                                      |                       |
| 89                                              | 59                                               | 15.31                 | 3880                                                         | 3.0                                    |                                                      |                       |
| 104                                             | 54                                               | 13.08                 | 3730                                                         | 3.3                                    |                                                      |                       |
| 112                                             | 47                                               | 12.14                 | 3660                                                         | 3.4                                    |                                                      |                       |
| 130                                             | 41                                               | 10.49                 | 3520                                                         | 4.0                                    |                                                      |                       |
| 153                                             | 34                                               | 8.91                  | 3370                                                         | 4.7                                    |                                                      |                       |
| 171                                             | 31                                               | 7.96                  | 3270                                                         | 5.1                                    |                                                      |                       |
| 200                                             | 26                                               | 6.80                  | 3130                                                         | 5.7                                    |                                                      |                       |
| 214                                             | 25                                               | 6.37                  | 3070                                                         | 5.9                                    |                                                      |                       |
| 254                                             | 21                                               | 5.36                  | 2920                                                         | 6.8                                    |                                                      |                       |
| 0.75kW                                          |                                                  |                       |                                                              |                                        |                                                      |                       |
| 0.11                                            | 58400                                            | 13116                 | 175300                                                       | 0.85                                   | K 187 R97<br>KH 187 R97                              | 4                     |
| 0.12                                            | 51500                                            | 11647                 | 187300                                                       | 0.95                                   |                                                      |                       |
| 0.19                                            | 32800                                            | 7343                  | 190000                                                       | 1.50                                   |                                                      |                       |
| 1.20                                            | 30000                                            | 6747                  | 190000                                                       | 1.65                                   |                                                      |                       |
| 0.23                                            | 26500                                            | 5991                  | 190000                                                       | 1.90                                   |                                                      |                       |
| 0.16                                            | 38600                                            | 8628                  | 150000                                                       | 0.85                                   | K 167 R97<br>KH 167 R97                              | 4                     |
| 0.21                                            | 29300                                            | 6562                  | 150000                                                       | 1.10                                   |                                                      |                       |
| 0.26                                            | 23700                                            | 5355                  | 150000                                                       | 1.35                                   |                                                      |                       |
| 0.34                                            | 18200                                            | 4079                  | 150000                                                       | 1.75                                   |                                                      |                       |
| 0.41                                            | 15100                                            | 3376                  | 150000                                                       | 2.1                                    |                                                      |                       |
| 0.35                                            | 17800                                            | 3979                  | 112300                                                       | 1.00                                   | K 157 R97<br>KF 157 R97<br>KA 157 R97<br>KAF 157 R97 | 4                     |
| 0.45                                            | 13600                                            | 3051                  | 114100                                                       | 1.30                                   |                                                      |                       |
|                                                 |                                                  |                       |                                                              |                                        |                                                      |                       |
|                                                 |                                                  |                       |                                                              |                                        |                                                      |                       |
| 0.83                                            | 7440                                             | 1659                  | 115900                                                       | 2.4                                    | K 157 R97<br>KF 157 R97<br>KA 157 R97<br>KAF 157 R97 | 4                     |
| 1.0                                             | 6040                                             | 1365                  | 116200                                                       | 3.0                                    |                                                      |                       |
|                                                 |                                                  |                       |                                                              |                                        |                                                      |                       |
|                                                 |                                                  |                       |                                                              |                                        |                                                      |                       |
| 0.42                                            | 15100                                            | 3311                  | 75800                                                        | 0.85                                   | K 127 R77<br>KF 127 R77<br>KA 127 R77<br>KAF 127 R77 | 4                     |
| 0.46                                            | 13700                                            | 3009                  | 78600                                                        | 0.95                                   |                                                      |                       |
| 0.53                                            | 11800                                            | 2607                  | 79800                                                        | 1.10                                   |                                                      |                       |
|                                                 |                                                  |                       |                                                              |                                        |                                                      |                       |
| 0.72                                            | 8930                                             | 1926                  | 81100                                                        | 1.45                                   | K 127 R77<br>KF 127 R77<br>KA 127 R77<br>KAF 127 R77 | 4                     |
| 0.79                                            | 8150                                             | 1757                  | 81400                                                        | 1.60                                   |                                                      |                       |
| 0.90                                            | 7120                                             | 1541                  | 81700                                                        | 1.85                                   |                                                      |                       |
| 1.0                                             | 6220                                             | 1342                  | 82000                                                        | 2.1                                    |                                                      |                       |
| 1.2                                             | 5440                                             | 1177                  | 82200                                                        | 2.4                                    |                                                      |                       |
| 1.4                                             | 4750                                             | 1025                  | 82400                                                        | 2.7                                    |                                                      |                       |
| 1.5                                             | 4150                                             | 899                   | 82500                                                        | 3.1                                    |                                                      |                       |
|                                                 |                                                  |                       |                                                              |                                        |                                                      |                       |
| 0.81                                            | 7960                                             | 1713                  | 65000                                                        | 1.00                                   | K 107 R77<br>KF 107 R77<br>KA 107 R77<br>KAF 107 R77 | 4                     |
| 0.89                                            | 7230                                             | 1554                  | 65000                                                        | 1.10                                   |                                                      |                       |
| 1.0                                             | 6210                                             | 1336                  | 65000                                                        | 1.30                                   |                                                      |                       |
| 1.2                                             | 5420                                             | 1166                  | 65000                                                        | 1.50                                   |                                                      |                       |
| 1.3                                             | 4710                                             | 1030                  | 65000                                                        | 1.70                                   |                                                      |                       |
| 1.5                                             | 4120                                             | 904                   | 65000                                                        | 1.95                                   |                                                      |                       |
| 1.7                                             | 3680                                             | 793                   | 65000                                                        | 2.2                                    |                                                      |                       |
| 2.0                                             | 3210                                             | 696                   | 65000                                                        | 2.5                                    |                                                      |                       |
| 2.2                                             | 2800                                             | 615                   | 65000                                                        | 2.8                                    |                                                      |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{as}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                                 | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------------------|-----------------------|
| <b>0.75kW</b>                                   |                                                  |                       |                                                              |                                        |                                              |                       |
| 1.2                                             | 5180                                             | 1102                  | 39700                                                        | 0.85                                   | K 97R57<br>KF 97R57<br>KA 97R57<br>KAF 97R57 | 4                     |
| 1.4                                             | 4490                                             | 957                   | 40000                                                        | 0.95                                   |                                              | 4                     |
| 1.6                                             | 4020                                             | 855                   | 40000                                                        | 1.05                                   |                                              | 4                     |
| 1.9                                             | 3430                                             | 743                   | 40000                                                        | 1.25                                   |                                              | 4                     |
| 2.1                                             | 3020                                             | 652                   | 40000                                                        | 1.40                                   |                                              | 4                     |
| 2.4                                             | 2680                                             | 573                   | 40000                                                        | 1.60                                   |                                              | 4                     |
| 2.7                                             | 2320                                             | 504                   | 40000                                                        | 1.85                                   |                                              | 4                     |
| 3.2                                             | 2010                                             | 437                   | 40000                                                        | 2.1                                    |                                              | 4                     |
| 3.6                                             | 1770                                             | 382                   | 40000                                                        | 2.4                                    |                                              | 4                     |
| 4.5                                             | 1420                                             | 305                   | 40000                                                        | 3.0                                    |                                              | 4                     |
| 5.4                                             | 1190                                             | 258                   | 40000                                                        | 3.6                                    |                                              | 4                     |
| 5.9                                             | 1080                                             | 232                   | 40000                                                        | 4.0                                    |                                              | 4                     |
| 6.9                                             | 920                                              | 199                   | 40000                                                        | 4.7                                    |                                              | 4                     |
| 1.9                                             | 3370                                             | 726                   | 26300                                                        | 0.80                                   | K 87R57<br>KF 87R57<br>KA 87R57<br>KAF 87R57 | 4                     |
| 2.2                                             | 2970                                             | 638                   | 26900                                                        | 0.90                                   |                                              | 4                     |
| 2.5                                             | 2610                                             | 562                   | 27400                                                        | 1.05                                   |                                              | 4                     |
| 2.9                                             | 2200                                             | 474                   | 27900                                                        | 1.25                                   |                                              | 4                     |
| 3.2                                             | 1980                                             | 426                   | 28100                                                        | 1.35                                   |                                              | 4                     |
| 3.7                                             | 1720                                             | 373                   | 28300                                                        | 1.55                                   |                                              | 4                     |
| 4.2                                             | 1520                                             | 330                   | 28500                                                        | 1.80                                   |                                              | 4                     |
| 4.7                                             | 1350                                             | 294                   | 28600                                                        | 2.0                                    |                                              | 4                     |
| 5.5                                             | 1160                                             | 250                   | 28700                                                        | 2.3                                    |                                              | 4                     |
| 5.8                                             | 1100                                             | 236                   | 28700                                                        | 2.5                                    |                                              | 4                     |
| 6.9                                             | 930                                              | 201                   | 28800                                                        | 2.9                                    |                                              | 4                     |
| 3.8                                             | 1720                                             | 367                   | 14000                                                        | 0.90                                   | K 77R37<br>KF 77R37<br>KA 77R37<br>KAF 77R37 | 4                     |
| 4.2                                             | 1540                                             | 328                   | 15500                                                        | 1.00                                   |                                              | 4                     |
| 4.8                                             | 1360                                             | 290                   | 16600                                                        | 1.15                                   |                                              | 4                     |
| 5.5                                             | 1180                                             | 252                   | 17500                                                        | 1.30                                   |                                              | 4                     |
| 6.2                                             | 1030                                             | 221                   | 18200                                                        | 1.50                                   |                                              | 4                     |
| 3.9                                             | 1830                                             | 176.05                | 40000                                                        | 2.3                                    | K 97<br>KF 97<br>KA 97<br>KAF 97             | 8                     |
| 4.5                                             | 1590                                             | 153.21                | 40000                                                        | 2.7                                    |                                              | 8                     |
| 4.9                                             | 1460                                             | 140.28                | 40000                                                        | 3.0                                    |                                              | 8                     |
|                                                 |                                                  |                       |                                                              |                                        |                                              | 8                     |
| 4.7                                             | 1530                                             | 147.32                | 28500                                                        | 1.75                                   | K 87<br>KF 87<br>KA 87<br>KAF 87             | 8                     |
| 5.4                                             | 1320                                             | 126.91                | 28600                                                        | 2.0                                    |                                              | 8                     |
| 6.0                                             | 1200                                             | 115.82                | 28700                                                        | 2.2                                    |                                              | 8                     |
| 6.7                                             | 1070                                             | 102.71                | 28700                                                        | 2.5                                    |                                              | 8                     |
| 5.2                                             | 1390                                             | 174.19                | 28600                                                        | 1.95                                   | K 87<br>KF 87<br>KA 87<br>KAF 87             | 6                     |
| 5.5                                             | 1310                                             | 164.34                | 28600                                                        | 2.1                                    |                                              | 6                     |
| 6.1                                             | 1170                                             | 147.32                | 28700                                                        | 2.3                                    |                                              | 6                     |
| 7.1                                             | 1010                                             | 126.91                | 28800                                                        | 2.7                                    |                                              | 6                     |
| 7.0                                             | 1020                                             | 197.37                | 28800                                                        | 2.6                                    | K 87<br>KF 87<br>KA 87<br>KAF 87             | 4                     |
| 7.9                                             | 900                                              | 174.19                | 28800                                                        | 3.0                                    |                                              | 4                     |
| 8.4                                             | 850                                              | 164.34                | 28900                                                        | 3.2                                    |                                              | 4                     |
| 9.4                                             | 765                                              | 147.32                | 28900                                                        | 3.5                                    |                                              | 4                     |
| 6.7                                             | 1080                                             | 135.28                | 18000                                                        | 1.45                                   | K 77<br>KF 77<br>KA 77<br>KAF 77             | 6                     |
| 7.0                                             | 1020                                             | 128.52                | 18200                                                        | 1.50                                   |                                              | 6                     |
| 7.9                                             | 900                                              | 113.56                | 18700                                                        | 1.70                                   |                                              | 6                     |
| 9.3                                             | 770                                              | 97.05                 | 19100                                                        | 2.0                                    |                                              | 6                     |
| 10                                              | 710                                              | 88.97                 | 19200                                                        | 2.2                                    |                                              | 6                     |
| 9.0                                             | 800                                              | 154.02                | 19000                                                        | 1.95                                   | K 77<br>KF 77<br>KA 77<br>KAF 77             | 4                     |
| 10                                              | 700                                              | 135.28                | 19300                                                        | 2.2                                    |                                              | 4                     |
| 11                                              | 665                                              | 128.52                | 19300                                                        | 2.3                                    |                                              | 4                     |
| 12                                              | 590                                              | 113.56                | 19500                                                        | 2.6                                    |                                              | 4                     |
| 14                                              | 505                                              | 97.05                 | 19700                                                        | 3.1                                    |                                              | 4                     |
| 11                                              | 640                                              | 123.54                | 11700                                                        | 1.30                                   | K 67<br>KF 67<br>KA 67<br>KAF 67             | 4                     |
| 13                                              | 560                                              | 108.03                | 12100                                                        | 1.45                                   |                                              | 4                     |
| 15                                              | 465                                              | 90.04                 | 12600                                                        | 1.75                                   |                                              | 4                     |
| 18                                              | 395                                              | 76.37                 | 12800                                                        | 2.1                                    | K 67<br>KF 67<br>KA 67<br>KAF 67             | 4                     |
| 20                                              | 362                                              | 68.95                 | 13000                                                        | 2.3                                    |                                              | 4                     |
| 23                                              | 315                                              | 60.66                 | 13000                                                        | 2.6                                    |                                              | 4                     |
| 24                                              | 295                                              | 57.28                 | 13000                                                        | 2.8                                    |                                              | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 11                                              | 645                                              | 123.85                  | 7130                                                         | 0.95                                   |              |                       |
| 13                                              | 560                                              | 108.29                  | 7940                                                         | 1.05                                   |              |                       |
| 13                                              | 535                                              | 102.88                  | 8160                                                         | 1.10                                   |              |                       |
| 15                                              | 470                                              | 90.26                   | 8570                                                         | 1.30                                   | K 57         | 4                     |
| 18                                              | 395                                              | 76.56                   | 8890                                                         | 1.50                                   | KF 57        | 4                     |
| 20                                              | 360                                              | 69.12                   | 9060                                                         | 1.65                                   | KA 57        | 4                     |
| 23                                              | 315                                              | 60.81                   | 9230                                                         | 1.90                                   | KAF 57       | 4                     |
| 24                                              | 300                                              | 57.42                   | 9290                                                         | 2.0                                    |              |                       |
| 28                                              | 255                                              | 48.89                   | 9450                                                         | 2.4                                    |              |                       |
| 31                                              | 230                                              | 44.43                   | 9530                                                         | 2.6                                    |              |                       |
| 18                                              | 390                                              | 75.20                   | 6060                                                         | 1.00                                   | K 47         | 4                     |
| 20                                              | 365                                              | 69.84                   | 6410                                                         | 1.10                                   | KF 47        | 4                     |
| 22                                              | 330                                              | 63.30                   | 6790                                                         | 1.20                                   | KA 47        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 47       | 4                     |
| 24                                              | 295                                              | 56.83                   | 7110                                                         | 1.35                                   |              |                       |
| 28                                              | 255                                              | 48.95                   | 7430                                                         | 1.55                                   | K 47         | 4                     |
| 30                                              | 240                                              | 46.03                   | 7540                                                         | 1.65                                   | KF 47        | 4                     |
| 35                                              | 205                                              | 39.61                   | 7740                                                         | 1.95                                   | KA 47        | 4                     |
| 39                                              | 184                                              | 35.39                   | 7760                                                         | 2.2                                    | KAF 47       | 4                     |
| 44                                              | 162                                              | 31.30                   | 7550                                                         | 2.5                                    |              |                       |
| 31                                              | 230                                              | 44.46                   | 4170                                                         | 0.85                                   |              |                       |
| 36                                              | 197                                              | 37.97                   | 4150                                                         | 1.00                                   |              |                       |
| 39                                              | 185                                              | 35.57                   | 4140                                                         | 1.10                                   |              |                       |
| 46                                              | 156                                              | 29.96                   | 4080                                                         | 1.30                                   |              |                       |
| 48                                              | 150                                              | 28.83                   | 4060                                                         | 1.35                                   |              |                       |
| 55                                              | 130                                              | 24.99                   | 3990                                                         | 1.55                                   |              |                       |
| 59                                              | 121                                              | 23.36                   | 3950                                                         | 1.60                                   |              |                       |
| 68                                              | 105                                              | 20.19                   | 3860                                                         | 1.75                                   | K 37         | 4                     |
| 80                                              | 89                                               | 17.15                   | 3750                                                         | 2.0                                    | KF 37        | 4                     |
| 90                                              | 80                                               | 15.31                   | 3670                                                         | 2.2                                    | KA 37        | 4                     |
| 105                                             | 68                                               | 13.08                   | 3550                                                         | 2.4                                    | KAF 37       | 4                     |
| 114                                             | 63                                               | 12.14                   | 3500                                                         | 2.5                                    |              |                       |
| 132                                             | 54                                               | 10.49                   | 3380                                                         | 2.9                                    |              |                       |
| 155                                             | 46                                               | 8.91                    | 3250                                                         | 3.5                                    |              |                       |
| 173                                             | 41                                               | 7.96                    | 3160                                                         | 3.8                                    |              |                       |
| 203                                             | 35                                               | 6.80                    | 3030                                                         | 4.2                                    |              |                       |
| 217                                             | 33                                               | 6.37                    | 2980                                                         | 4.4                                    |              |                       |
| 257                                             | 28                                               | 5.36                    | 2840                                                         | 5.0                                    |              |                       |
| <b>1.1kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 0.15                                            | 60700                                            | 9636                    | 171000                                                       | 0.80                                   |              |                       |
| 0.17                                            | 52400                                            | 8126                    | 185900                                                       | 0.95                                   |              |                       |
| 0.19                                            | 48300                                            | 7343                    | 190000                                                       | 1.05                                   |              |                       |
| 0.21                                            | 44300                                            | 6747                    | 190000                                                       | 1.15                                   |              |                       |
| 0.23                                            | 39200                                            | 5991                    | 190000                                                       | 1.30                                   |              |                       |
| 0.26                                            | 34900                                            | 5358                    | 190000                                                       | 1.45                                   |              |                       |
| 0.29                                            | 31200                                            | 4817                    | 190000                                                       | 1.60                                   |              |                       |
| 0.32                                            | 28300                                            | 4370                    | 190000                                                       | 1.75                                   |              |                       |
| 0.26                                            | 35000                                            | 5355                    | 150000                                                       | 0.90                                   |              |                       |
| 0.29                                            | 31200                                            | 4788                    | 150000                                                       | 1.05                                   |              |                       |
| 0.34                                            | 26800                                            | 4079                    | 150000                                                       | 1.20                                   |              |                       |
| 0.41                                            | 22200                                            | 3376                    | 150000                                                       | 1.45                                   |              |                       |
| 0.51                                            | 18000                                            | 2755                    | 150000                                                       | 1.80                                   |              |                       |
| 0.64                                            | 14600                                            | 2182                    | 150000                                                       | 2.2                                    |              |                       |
| 0.82                                            | 11300                                            | 1704                    | 150000                                                       | 2.8                                    |              |                       |
| 0.99                                            | 9330                                             | 1408                    | 150000                                                       | 3.4                                    |              |                       |
| 1.1                                             | 8560                                             | 1296                    | 150000                                                       | 3.7                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 0.40                                            | 22900                                            | 3516                    | 109300                                                       | 0.80                                   | K 157R97     | 4                     |
| 0.46                                            | 20100                                            | 3051                    | 111100                                                       | 0.90                                   | KF 157R97    | 4                     |
| 0.54                                            | 16900                                            | 2610                    | 112700                                                       | 1.05                                   | KA 157R97    | 4                     |
| 0.60                                            | 15100                                            | 2322                    | 113500                                                       | 1.20                                   | KAF 157R97   | 4                     |
| 0.84                                            | 11000                                            | 1659                    | 115000                                                       | 1.65                                   |              |                       |
| 1.0                                             | 8970                                             | 1365                    | 115600                                                       | 2.0                                    | K 157R97     | 4                     |
| 1.1                                             | 8030                                             | 1229                    | 115800                                                       | 2.2                                    | KF 157R97    | 4                     |
| 1.3                                             | 7150                                             | 1093                    | 116000                                                       | 2.5                                    | KA 157R97    | 4                     |
| 1.5                                             | 6160                                             | 942                     | 116100                                                       | 2.9                                    | KAF 157R97   | 4                     |
| 1.6                                             | 5550                                             | 854                     | 116200                                                       | 3.2                                    |              |                       |
| 0.73                                            | 13100                                            | 1926                    | 79100                                                        | 1.00                                   |              |                       |
| 0.80                                            | 11900                                            | 1757                    | 79800                                                        | 1.10                                   |              |                       |
| 0.91                                            | 10400                                            | 1541                    | 80500                                                        | 1.25                                   |              |                       |
| 1.0                                             | 9100                                             | 1342                    | 81100                                                        | 1.45                                   |              |                       |
| 1.2                                             | 7960                                             | 1177                    | 81500                                                        | 1.65                                   | K 127R77     | 4                     |
| 1.4                                             | 6950                                             | 1025                    | 81800                                                        | 1.85                                   | KF 127R77    | 4                     |
| 1.6                                             | 6080                                             | 899                     | 82000                                                        | 2.1                                    | KA 127R77    | 4                     |
| 1.8                                             | 5270                                             | 790                     | 82200                                                        | 2.5                                    | KAF 127R77   | 4                     |
| 2.0                                             | 4740                                             | 704                     | 82400                                                        | 2.7                                    |              |                       |
| 2.3                                             | 4090                                             | 610                     | 82500                                                        | 3.2                                    |              |                       |
| 2.5                                             | 3690                                             | 549                     | 82500                                                        | 3.5                                    |              |                       |
| 2.9                                             | 3180                                             | 477                     | 82600                                                        | 4.1                                    |              |                       |
| 1.2                                             | 7920                                             | 1166                    | 65000                                                        | 1.00                                   |              |                       |
| 1.4                                             | 6920                                             | 1030                    | 65000                                                        | 1.15                                   |              |                       |
| 1.5                                             | 6050                                             | 904                     | 65000                                                        | 1.30                                   |              |                       |
| 1.8                                             | 5380                                             | 793                     | 65000                                                        | 1.50                                   |              |                       |
| 2.0                                             | 4700                                             | 696                     | 65000                                                        | 1.70                                   | K 107R77     | 4                     |
| 2.3                                             | 4120                                             | 615                     | 65000                                                        | 1.95                                   | KF 107R77    | 4                     |
| 2.7                                             | 3500                                             | 522                     | 65000                                                        | 2.3                                    | KA 107R77    | 4                     |
| 3.0                                             | 3080                                             | 461                     | 65000                                                        | 2.6                                    | KAF 107R77   | 4                     |
| 3.4                                             | 2720                                             | 408                     | 65000                                                        | 2.9                                    |              |                       |
| 3.8                                             | 2450                                             | 364                     | 65000                                                        | 3.3                                    |              |                       |
| 4.4                                             | 2140                                             | 318                     | 65000                                                        | 3.7                                    |              |                       |
| 1.9                                             | 5030                                             | 743                     | 39900                                                        | 0.85                                   |              |                       |
| 2.2                                             | 4420                                             | 652                     | 40000                                                        | 0.95                                   |              |                       |
| 2.4                                             | 3910                                             | 573                     | 40000                                                        | 1.10                                   | K 97 R57     | 4                     |
| 2.8                                             | 3400                                             | 504                     | 40000                                                        | 1.25                                   | KF 97 R57    | 4                     |
| 3.2                                             | 2940                                             | 437                     | 40000                                                        | 1.45                                   | KA 97 R57    | 4                     |
| 3.7                                             | 2590                                             | 382                     | 40000                                                        | 1.65                                   | KAF 97 R57   | 4                     |
| 4.1                                             | 2300                                             | 342                     | 40000                                                        | 1.85                                   |              |                       |
| 3.0                                             | 3220                                             | 474                     | 26600                                                        | 0.85                                   |              |                       |
| 3.3                                             | 2890                                             | 426                     | 27000                                                        | 0.95                                   |              |                       |
| 3.8                                             | 2520                                             | 373                     | 27500                                                        | 1.05                                   |              |                       |
| 4.2                                             | 2230                                             | 330                     | 27800                                                        | 1.20                                   | K 87 R57     | 4                     |
| 4.8                                             | 1980                                             | 294                     | 28100                                                        | 1.35                                   | KF 87 R57    | 4                     |
| 5.6                                             | 1700                                             | 250                     | 28300                                                        | 1.60                                   | KA 87 R57    | 4                     |
| 5.9                                             | 1600                                             | 236                     | 28400                                                        | 1.70                                   | KAF 87 R57   | 4                     |
| 7.0                                             | 1360                                             | 201                     | 28600                                                        | 2.0                                    |              |                       |
| 3.9                                             | 2720                                             | 176.05                  | 40000                                                        | 1.60                                   | K 97         | 8                     |
| 4.4                                             | 2370                                             | 153.21                  | 40000                                                        | 1.80                                   | KF 97        | 8                     |
| 4.8                                             | 2170                                             | 140.28                  | 40000                                                        | 2.0                                    | KA 97        | 8                     |
| 5.5                                             | 1910                                             | 123.93                  | 40000                                                        | 2.2                                    | KAF 97       | 8                     |
| 5.2                                             | 2010                                             | 176.05                  | 40000                                                        | 2.1                                    | K 97         | 6                     |
| 6.0                                             | 1750                                             | 153.21                  | 40000                                                        | 2.5                                    | KF 97        | 6                     |
| 6.6                                             | 1600                                             | 140.28                  | 40000                                                        | 2.7                                    | KA 97        | 6                     |
| 7.4                                             | 1420                                             | 123.93                  | 40000                                                        | 3.0                                    | KAF 97       | 6                     |
| 7.9                                             | 1320                                             | 176.05                  | 40000                                                        | 3.3                                    | K 97         | 4                     |
| 9.1                                             | 1150                                             | 153.21                  | 40000                                                        | 3.7                                    | KF 97        | 4                     |
| 10                                              | 1050                                             | 140.28                  | 40000                                                        | 4.1                                    | KA 97        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 97       | 4                     |
| 5.3                                             | 1990                                             | 174.19                  | 28100                                                        | 1.35                                   | K 87         | 6                     |
| 5.6                                             | 1880                                             | 164.34                  | 28200                                                        | 1.45                                   | KF 87        | 6                     |
| 6.2                                             | 1680                                             | 147.32                  | 28300                                                        | 1.60                                   | KA 87        | 6                     |
| 7.2                                             | 1450                                             | 126.91                  | 28500                                                        | 1.85                                   | KAF 87       | 6                     |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 8.0                                             | 1310                                             | 174.19                  | 28600                                                        | 2.1                                    | K 87         | 4                     |
| 8.5                                             | 1230                                             | 164.34                  | 28700                                                        | 2.2                                    | KF 87        | 4                     |
| 9.5                                             | 1110                                             | 147.32                  | 28700                                                        | 2.4                                    | KA 87        | 4                     |
| 11                                              | 950                                              | 126.91                  | 28800                                                        | 2.8                                    | KAF 87       | 4                     |
| 12                                              | 870                                              | 115.82                  | 28800                                                        | 3.1                                    |              |                       |
| 6.8                                             | 1540                                             | 135.28                  | 15400                                                        | 1.00                                   | K 77         | 6                     |
| 7.2                                             | 1470                                             | 128.52                  | 15900                                                        | 1.05                                   | KF 77        | 6                     |
| 8.1                                             | 1300                                             | 113.56                  | 17000                                                        | 1.20                                   | KA 77        | 6                     |
| 9.5                                             | 1110                                             | 97.05                   | 17900                                                        | 1.40                                   | KAF 77       | 6                     |
| 10                                              | 1020                                             | 135.28                  | 18300                                                        | 1.55                                   | K 77         | 4                     |
| 11                                              | 960                                              | 128.52                  | 18400                                                        | 1.60                                   | KF 77        | 4                     |
| 12                                              | 850                                              | 113.56                  | 18800                                                        | 1.80                                   | KA 77        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 77       | 4                     |
| 14                                              | 730                                              | 97.05                   | 19200                                                        | 2.1                                    | K 77         | 4                     |
| 16                                              | 670                                              | 88.97                   | 19300                                                        | 2.3                                    | KF 77        | 4                     |
| 18                                              | 585                                              | 78.07                   | 19500                                                        | 2.7                                    | KA 77        | 4                     |
| 19                                              | 555                                              | 73.99                   | 19600                                                        | 2.8                                    | KAF 77       | 4                     |
| 13                                              | 810                                              | 108.03                  | 10400                                                        | 1.00                                   | K 67         | 4                     |
| 14                                              | 770                                              | 102.62                  | 10700                                                        | 1.05                                   | KF 67        | 4                     |
| 16                                              | 675                                              | 90.04                   | 11400                                                        | 1.20                                   | KA 67        | 4                     |
| 18                                              | 575                                              | 76.37                   | 12000                                                        | 1.45                                   | KAF 67       | 4                     |
| 20                                              | 515                                              | 68.95                   | 12300                                                        | 1.60                                   |              |                       |
| 23                                              | 455                                              | 60.66                   | 12600                                                        | 1.80                                   | K 67         | 4                     |
| 24                                              | 430                                              | 57.28                   | 12700                                                        | 1.90                                   | KF 67        | 4                     |
| 29                                              | 365                                              | 48.77                   | 12900                                                        | 2.2                                    | KA 67        | 4                     |
| 32                                              | 335                                              | 44.32                   | 13000                                                        | 2.5                                    | KAF 67       | 4                     |
| 36                                              | 290                                              | 38.39                   | 13000                                                        | 2.8                                    |              |                       |
| 16                                              | 675                                              | 90.26                   | 2410                                                         | 0.90                                   |              |                       |
| 18                                              | 575                                              | 76.56                   | 7840                                                         | 1.05                                   |              |                       |
| 20                                              | 520                                              | 69.12                   | 8280                                                         | 1.15                                   |              |                       |
| 23                                              | 455                                              | 60.81                   | 8630                                                         | 1.30                                   | K 57         | 4                     |
| 24                                              | 430                                              | 57.42                   | 8750                                                         | 1.40                                   | KF 57        | 4                     |
| 29                                              | 365                                              | 48.89                   | 9020                                                         | 1.65                                   | KA 57        | 4                     |
| 32                                              | 335                                              | 44.43                   | 9160                                                         | 1.80                                   | KAF 57       | 4                     |
| 36                                              | 290                                              | 38.49                   | 9330                                                         | 2.1                                    |              |                       |
| 39                                              | 270                                              | 35.70                   | 9400                                                         | 2.2                                    |              |                       |
| 46                                              | 225                                              | 30.28                   | 9540                                                         | 2.6                                    |              |                       |
| 51                                              | 205                                              | 27.34                   | 9510                                                         | 2.9                                    |              |                       |
| 58                                              | 181                                              | 24.05                   | 9220                                                         | 3.3                                    |              |                       |
| 62                                              | 170                                              | 22.71                   | 9090                                                         | 3.5                                    |              |                       |
| 72                                              | 145                                              | 19.34                   | 8720                                                         | 4.0                                    |              |                       |
| 80                                              | 132                                              | 17.57                   | 8510                                                         | 4.2                                    |              |                       |
| 92                                              | 114                                              | 15.22                   | 8180                                                         | 4.7                                    | K 57         | 4                     |
| 106                                             | 99                                               | 13.25                   | 7880                                                         | 5.1                                    | KF 57        | 4                     |
| 117                                             | 90                                               | 11.92                   | 7570                                                         | 4.6                                    | KA 57        | 4                     |
| 124                                             | 85                                               | 11.26                   | 7450                                                         | 4.9                                    | KAF 57       | 4                     |
| 146                                             | 72                                               | 9.59                    | 7120                                                         | 5.6                                    |              |                       |
| 161                                             | 65                                               | 8.71                    | 6930                                                         | 6.0                                    |              |                       |
| 186                                             | 57                                               | 7.55                    | 6650                                                         | 6.4                                    |              |                       |
| 213                                             | 49                                               | 6.57                    | 6380                                                         | 7.0                                    |              |                       |
| 25                                              | 425                                              | 56.83                   | 3310                                                         | 0.95                                   | K 47         | 4                     |
| 29                                              | 365                                              | 48.95                   | 6360                                                         | 1.10                                   | KF 47        | 4                     |
| 30                                              | 345                                              | 46.03                   | 6610                                                         | 1.15                                   | KA 47        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 47       | 4                     |
| 35                                              | 295                                              | 39.61                   | 7090                                                         | 1.35                                   |              |                       |
| 40                                              | 265                                              | 35.39                   | 7090                                                         | 1.50                                   | K 47         | 4                     |
| 45                                              | 235                                              | 31.30                   | 6960                                                         | 1.70                                   | KF 47        | 4                     |
| 48                                              | 220                                              | 29.32                   | 6890                                                         | 1.80                                   | KA 47        | 4                     |
| 54                                              | 194                                              | 25.91                   | 6730                                                         | 2.1                                    | KAF 47       | 4                     |
| 64                                              | 164                                              | 21.81                   | 6510                                                         | 2.4                                    |              |                       |
| 72                                              | 147                                              | 19.58                   | 6360                                                         | 2.7                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.1kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 47                                              | 225                                              | 29.96                   | 3420                                                         | 0.90                                   |              |                       |
| 56                                              | 188                                              | 24.99                   | 3440                                                         | 1.05                                   |              |                       |
| 60                                              | 175                                              | 23.36                   | 3440                                                         | 1.10                                   |              |                       |
| 69                                              | 152                                              | 20.19                   | 3420                                                         | 1.20                                   |              |                       |
| 82                                              | 129                                              | 17.15                   | 3370                                                         | 1.40                                   |              |                       |
| 91                                              | 115                                              | 15.31                   | 3330                                                         | 1.50                                   | K 37         | 4                     |
| 107                                             | 98                                               | 13.08                   | 3260                                                         | 1.70                                   | KF 37        | 4                     |
| 115                                             | 91                                               | 12.14                   | 3220                                                         | 1.75                                   | KA 37        | 4                     |
| 133                                             | 79                                               | 10.49                   | 3140                                                         | 2.0                                    | KAF 37       | 4                     |
| 157                                             | 67                                               | 8.91                    | 3040                                                         | 2.4                                    |              |                       |
| 176                                             | 60                                               | 7.96                    | 2970                                                         | 2.6                                    |              |                       |
| 206                                             | 51                                               | 6.80                    | 2870                                                         | 2.9                                    |              |                       |
| 220                                             | 48                                               | 6.37                    | 2830                                                         | 3.0                                    |              |                       |
| 261                                             | 40                                               | 5.36                    | 2720                                                         | 3.5                                    |              |                       |
| <b>1.5kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 0.21                                            | 60700                                            | 6747                    | 171100                                                       | 0.80                                   |              |                       |
| 0.24                                            | 53700                                            | 5991                    | 183600                                                       | 0.95                                   |              |                       |
| 0.26                                            | 47900                                            | 5358                    | 190000                                                       | 1.05                                   | K 187 R97    | 4                     |
| 0.29                                            | 42900                                            | 4817                    | 190000                                                       | 1.15                                   | KH 187 R97   | 4                     |
| 0.32                                            | 38900                                            | 4370                    | 190000                                                       | 1.30                                   |              |                       |
| 0.39                                            | 33000                                            | 3609                    | 190000                                                       | 1.50                                   |              |                       |
| 0.46                                            | 27800                                            | 3062                    | 190000                                                       | 1.80                                   |              |                       |
| 0.56                                            | 22800                                            | 2519                    | 190000                                                       | 2.2                                    | K 187 R97    | 4                     |
| 0.62                                            | 20400                                            | 2268                    | 190000                                                       | 2.5                                    | KH 187 R97   | 4                     |
| 0.35                                            | 36700                                            | 4079                    | 150000                                                       | 0.85                                   |              |                       |
| 0.42                                            | 30400                                            | 3376                    | 150000                                                       | 1.05                                   | K 167 R97    | 4                     |
| 0.51                                            | 24700                                            | 2755                    | 150000                                                       | 1.30                                   | KH 167 R97   | 4                     |
| 0.65                                            | 19900                                            | 2182                    | 150000                                                       | 1.60                                   |              |                       |
| 0.83                                            | 15500                                            | 1704                    | 150000                                                       | 2.1                                    |              |                       |
| 1.0                                             | 12800                                            | 1408                    | 150000                                                       | 2.5                                    | K 167 R97    | 4                     |
| 1.1                                             | 11800                                            | 1296                    | 150000                                                       | 2.7                                    | KH 167 R97   | 4                     |
| 0.61                                            | 20700                                            | 2322                    | 110700                                                       | 1.85                                   | K 157 R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KF 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KA 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 157 R97  | 4                     |
| 0.85                                            | 15100                                            | 1659                    | 113500                                                       | 1.20                                   |              |                       |
| 1.0                                             | 12300                                            | 1365                    | 114600                                                       | 1.45                                   |              |                       |
| 1.1                                             | 11100                                            | 1229                    | 115000                                                       | 1.65                                   | K 157 R97    | 4                     |
| 1.3                                             | 9840                                             | 1093                    | 115300                                                       | 1.85                                   | KF 157 R97   | 4                     |
| 1.5                                             | 8480                                             | 942                     | 115700                                                       | 2.1                                    | KA 157 R97   | 4                     |
| 1.6                                             | 7650                                             | 854                     | 115900                                                       | 2.3                                    | KAF 157 R97  | 4                     |
| 2.5                                             | 5050                                             | 567                     | 116300                                                       | 3.6                                    |              |                       |
| 2.8                                             | 4490                                             | 504                     | 116400                                                       | 4.0                                    |              |                       |
| 2.6                                             | 4820                                             | 536                     | 82300                                                        | 2.7                                    | K 127 R87    | 4                     |
| 3.4                                             | 3770                                             | 418                     | 82500                                                        | 3.5                                    | KF 127 R87   | 4                     |
| 3.8                                             | 3330                                             | 367                     | 82600                                                        | 3.9                                    | KA 127 R87   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 127 R87  | 4                     |
| 0.80                                            | 16200                                            | 1757                    | 73400                                                        | 0.80                                   |              |                       |
| 0.91                                            | 14200                                            | 1541                    | 77500                                                        | 0.90                                   |              |                       |
| 1.0                                             | 12400                                            | 1342                    | 79500                                                        | 1.05                                   |              |                       |
| 1.2                                             | 10900                                            | 1177                    | 80300                                                        | 1.20                                   |              |                       |
| 1.4                                             | 9470                                             | 1025                    | 80900                                                        | 1.35                                   | K 127 R77    | 4                     |
| 1.6                                             | 8300                                             | 899                     | 81400                                                        | 1.55                                   | KF 127 R77   | 4                     |
| 1.8                                             | 7210                                             | 790                     | 81700                                                        | 1.80                                   | KA 127 R77   | 4                     |
| 2.0                                             | 6480                                             | 704                     | 81900                                                        | 2.0                                    | KAF 127 R77  | 4                     |
| 2.3                                             | 5590                                             | 610                     | 82200                                                        | 2.3                                    |              |                       |
| 2.6                                             | 5040                                             | 549                     | 82300                                                        | 2.6                                    |              |                       |
| 3.0                                             | 4360                                             | 477                     | 82400                                                        | 3.0                                    |              |                       |
| 3.4                                             | 3840                                             | 418                     | 82500                                                        | 3.4                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{rs}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 1.4                                             | 9460                                             | 1030                    | 65000                                                        | 0.85                                   |              |                       |
| 1.6                                             | 8280                                             | 904                     | 65000                                                        | 0.95                                   |              |                       |
| 1.8                                             | 7330                                             | 739                     | 65000                                                        | 1.10                                   | K 107R77     | 4                     |
| 2.0                                             | 6420                                             | 696                     | 65000                                                        | 1.25                                   | KF 107R77    | 4                     |
| 2.3                                             | 5640                                             | 615                     | 65000                                                        | 1.40                                   | KA 107R77    | 4                     |
| 2.7                                             | 4780                                             | 522                     | 65000                                                        | 1.65                                   | KAF 107R77   | 4                     |
| 3.1                                             | 4210                                             | 461                     | 65000                                                        | 1.90                                   |              |                       |
| 3.5                                             | 3720                                             | 408                     | 65000                                                        | 2.2                                    |              |                       |
| 3.9                                             | 3350                                             | 364                     | 65000                                                        | 2.4                                    |              |                       |
| 4.4                                             | 2920                                             | 318                     | 65000                                                        | 2.7                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 2.5                                             | 5320                                             | 573                     | 39500                                                        | 0.80                                   |              |                       |
| 2.8                                             | 4650                                             | 504                     | 40000                                                        | 0.95                                   | K 97 R57     | 4                     |
| 3.2                                             | 4020                                             | 437                     | 40000                                                        | 1.05                                   | KF 97 R57    | 4                     |
| 3.7                                             | 3540                                             | 382                     | 40000                                                        | 1.20                                   | KA 97 R57    | 4                     |
| 4.1                                             | 3140                                             | 342                     | 40000                                                        | 1.35                                   | KAF 97 R57   | 4                     |
| 4.6                                             | 2820                                             | 305                     | 40000                                                        | 1.50                                   |              |                       |
| 5.5                                             | 2380                                             | 258                     | 40000                                                        | 1.80                                   |              |                       |
| 6.1                                             | 2140                                             | 232                     | 40000                                                        | 2.0                                    |              |                       |
| 7.1                                             | 1840                                             | 199                     | 40000                                                        | 2.3                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 4.3                                             | 3040                                             | 330                     | 26800                                                        | 0.90                                   | K 87 R57     | 4                     |
| 4.8                                             | 2700                                             | 294                     | 27300                                                        | 1.00                                   | KF 87 R57    | 4                     |
| 5.6                                             | 2310                                             | 250                     | 27700                                                        | 1.15                                   | KA 87 R57    | 4                     |
| 6.0                                             | 2180                                             | 236                     | 27900                                                        | 1.25                                   | KAF 87 R57   | 4                     |
| 7.0                                             | 1860                                             | 201                     | 28200                                                        | 1.45                                   |              |                       |
| 7.7                                             | 1690                                             | 183                     | 28300                                                        | 1.60                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 4.9                                             | 2940                                             | 143.47                  | 65000                                                        | 2.7                                    | K 107        | 8                     |
| 5.8                                             | 2490                                             | 121.46                  | 65000                                                        | 3.2                                    | KF 107       | 8                     |
| 6.2                                             | 2300                                             | 112.41                  | 65000                                                        | 3.5                                    | KA 107       | 8                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 4.6                                             | 3140                                             | 153.21                  | 40000                                                        | 1.35                                   | K 97         | 8                     |
| 5.0                                             | 2870                                             | 140.28                  | 40000                                                        | 1.50                                   | KF 97        | 8                     |
| 5.7                                             | 2540                                             | 123.93                  | 40000                                                        | 1.70                                   | KA 97        | 8                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 5.2                                             | 2740                                             | 176.05                  | 40000                                                        | 1.55                                   | K 97         | 6                     |
| 6.0                                             | 2390                                             | 153.21                  | 40000                                                        | 1.80                                   | KF 97        | 6                     |
| 6.6                                             | 2180                                             | 140.28                  | 40000                                                        | 1.95                                   | KA 97        | 6                     |
| 7.4                                             | 1930                                             | 123.93                  | 40000                                                        | 2.2                                    | KAF 97       | 6                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 8.0                                             | 1790                                             | 176.05                  | 40000                                                        | 2.4                                    | K 97         | 4                     |
| 9.2                                             | 1560                                             | 153.21                  | 40000                                                        | 2.8                                    | KF 97        | 4                     |
| 10                                              | 1430                                             | 140.28                  | 40000                                                        | 3.0                                    | KA 97        | 4                     |
| 11                                              | 1260                                             | 123.93                  | 40000                                                        | 3.4                                    | KAF 97       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 6.2                                             | 2290                                             | 147.32                  | 27800                                                        | 1.20                                   | K 87         | 6                     |
| 7.2                                             | 1980                                             | 126.91                  | 28100                                                        | 1.35                                   | KF 87        | 6                     |
| 7.9                                             | 1800                                             | 115.82                  | 28200                                                        | 1.50                                   | KA 87        | 6                     |
| 9.0                                             | 1600                                             | 102.71                  | 28400                                                        | 1.70                                   | KAF 87       | 6                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 8.1                                             | 1770                                             | 174.19                  | 28300                                                        | 1.55                                   |              |                       |
| 8.6                                             | 1670                                             | 164.34                  | 28300                                                        | 1.60                                   | K 87         | 4                     |
| 9.6                                             | 1500                                             | 147.32                  | 28500                                                        | 1.80                                   | KF 87        | 4                     |
| 11                                              | 1290                                             | 126.91                  | 28600                                                        | 2.1                                    | KA 87        | 4                     |
| 12                                              | 1180                                             | 115.82                  | 28700                                                        | 2.3                                    | KAF 87       | 4                     |
| 14                                              | 1040                                             | 102.71                  | 28800                                                        | 2.6                                    |              |                       |
| 16                                              | 880                                              | 86.34                   | 28800                                                        | 3.1                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 8.1                                             | 1770                                             | 113.56                  | 13600                                                        | 0.90                                   | K 77         | 6                     |
| 9.5                                             | 1510                                             | 97.05                   | 15700                                                        | 1.05                                   | KF 77        | 6                     |
| 10                                              | 1390                                             | 88.97                   | 16400                                                        | 1.10                                   | KA 77        | 6                     |
| 12                                              | 1220                                             | 78.07                   | 17400                                                        | 1.30                                   | KAF 77       | 6                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 10                                              | 1370                                             | 135.28                  | 16500                                                        | 1.15                                   | K 77         | 4                     |
| 11                                              | 1310                                             | 128.52                  | 16900                                                        | 1.20                                   | KF 77        | 4                     |
| 12                                              | 1150                                             | 113.56                  | 17700                                                        | 1.35                                   | KA 77        | 4                     |
| 15                                              | 990                                              | 97.05                   | 18400                                                        | 1.55                                   | KAF 77       | 4                     |
| 16                                              | 900                                              | 88.97                   | 18700                                                        | 1.70                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_n$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_n$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{rs}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>1.5kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 18                                              | 795                                              | 78.07                   | 19000                                                        | 1.95                                   |              |                       |
| 19                                              | 750                                              | 73.99                   | 19100                                                        | 2.1                                    | K 77         | 4                     |
| 22                                              | 660                                              | 64.75                   | 19400                                                        | 2.4                                    | KF 77        | 4                     |
| 24                                              | 595                                              | 58.34                   | 19500                                                        | 2.6                                    | KA 77        | 4                     |
| 28                                              | 520                                              | 51.18                   | 19700                                                        | 3.0                                    | KAF 77       | 4                     |
| 31                                              | 460                                              | 45.16                   | 19800                                                        | 3.4                                    |              |                       |
| 35                                              | 405                                              | 40.04                   | 19800                                                        | 3.8                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 16                                              | 910                                              | 90.04                   | 9370                                                         | 0.90                                   | K 67         | 4                     |
| 18                                              | 775                                              | 76.37                   | 10700                                                        | 1.05                                   | KF 67        | 4                     |
| 20                                              | 700                                              | 68.95                   | 11300                                                        | 1.15                                   | KA 67        | 4                     |
| 23                                              | 615                                              | 60.66                   | 11800                                                        | 1.35                                   | KAF 67       | 4                     |
| 25                                              | 580                                              | 57.28                   | 12000                                                        | 1.40                                   |              |                       |
| 29                                              | 495                                              | 48.77                   | 12400                                                        | 1.65                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 32                                              | 450                                              | 44.32                   | 12600                                                        | 1.80                                   | K 67         | 4                     |
| 37                                              | 390                                              | 38.39                   | 12800                                                        | 2.0                                    | KF 67        | 4                     |
| 40                                              | 360                                              | 35.62                   | 12900                                                        | 2.3                                    | KA 67        | 4                     |
| 47                                              | 305                                              | 30.22                   | 13000                                                        | 2.7                                    | KAF 67       | 4                     |
| 52                                              | 275                                              | 27.28                   | 13000                                                        | 3.0                                    |              |                       |
| 59                                              | 245                                              | 24.00                   | 13000                                                        | 3.3                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 23                                              | 620                                              | 60.81                   | 7480                                                         | 0.95                                   | K 57         | 4                     |
| 25                                              | 685                                              | 57.42                   | 7770                                                         | 1.05                                   | KF 57        | 4                     |
| 29                                              | 495                                              | 48.89                   | 8430                                                         | 1.20                                   | KA 57        | 4                     |
| 32                                              | 450                                              | 44.43                   | 8650                                                         | 1.35                                   | KAF 57       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 37                                              | 390                                              | 38.49                   | 8920                                                         | 1.55                                   |              |                       |
| 39                                              | 365                                              | 35.70                   | 9040                                                         | 1.65                                   | K 57         | 4                     |
| 47                                              | 310                                              | 30.28                   | 9190                                                         | 1.95                                   | KF 57        | 4                     |
| 52                                              | 280                                              | 27.34                   | 9010                                                         | 2.2                                    | KA 57        | 4                     |
| 59                                              | 245                                              | 24.05                   | 8780                                                         | 2.5                                    | KAF 57       | 4                     |
| 62                                              | 230                                              | 22.71                   | 8670                                                         | 2.6                                    |              |                       |
| 73                                              | 196                                              | 19.34                   | 8360                                                         | 2.9                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 36                                              | 400                                              | 39.61                   | 5890                                                         | 1.00                                   | K 47         | 4                     |
| 40                                              | 360                                              | 35.39                   | 6360                                                         | 1.10                                   | KF 47        | 4                     |
| 45                                              | 320                                              | 31.30                   | 6310                                                         | 1.25                                   | KA 47        | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 48                                              | 300                                              | 29.32                   | 6270                                                         | 1.35                                   |              |                       |
| 54                                              | 265                                              | 25.91                   | 6190                                                         | 1.50                                   | K 47         | 4                     |
| 65                                              | 220                                              | 21.81                   | 6050                                                         | 1.80                                   | KF 47        | 4                     |
| 72                                              | 199                                              | 19.58                   | 5950                                                         | 2.0                                    | KA 47        | 4                     |
| 84                                              | 171                                              | 16.86                   | 5800                                                         | 2.2                                    | KAF 47       | 4                     |
| 89                                              | 161                                              | 15.86                   | 5730                                                         | 2.4                                    |              |                       |
| 103                                             | 139                                              | 13.65                   | 5560                                                         | 2.6                                    |              |                       |
| 116                                             | 124                                              | 12.19                   | 5430                                                         | 2.8                                    |              |                       |
| 120                                             | 120                                              | 11.17                   | 5340                                                         | 2.3                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 60                                              | 235                                              | 23.36                   | 2860                                                         | 0.80                                   |              |                       |
| 70                                              | 205                                              | 20.19                   | 2920                                                         | 0.90                                   |              |                       |
| 82                                              | 174                                              | 17.15                   | 2940                                                         | 1.05                                   |              |                       |
| 92                                              | 156                                              | 15.31                   | 2950                                                         | 1.10                                   | K 37         | 4                     |
| 108                                             | 133                                              | 13.08                   | 2930                                                         | 1.25                                   | KF 37        | 4                     |
| 116                                             | 123                                              | 12.14                   | 2920                                                         | 1.30                                   | KA 37        | 4                     |
| 134                                             | 107                                              | 10.49                   | 2880                                                         | 1.50                                   | KAF 37       | 4                     |
| 158                                             | 91                                               | 8.91                    | 2820                                                         | 1.75                                   |              |                       |
| 177                                             | 81                                               | 7.96                    | 2770                                                         | 1.90                                   |              |                       |
| 207                                             | 69                                               | 6.80                    | 2700                                                         | 2.2                                    |              |                       |
| 221                                             | 65                                               | 6.37                    | 2670                                                         | 2.2                                    |              |                       |
| 263                                             | 55                                               | 5.36                    | 2580                                                         | 2.6                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| <b>2.2kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 0.32                                            | 57900                                            | 4370                    | 176200                                                       | 0.85                                   | K 187 R97    | 4                     |
| 0.50                                            | 37000                                            | 2818                    | 190000                                                       | 1.35                                   | KH187 R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.39                                            | 48800                                            | 3609                    | 190000                                                       | 1.00                                   |              |                       |
| 0.46                                            | 41300                                            | 3062                    | 190000                                                       | 1.20                                   | K 187 R97    | 4                     |
| 0.56                                            | 33800                                            | 2519                    | 190000                                                       | 1.50                                   | KH187 R97    | 4                     |
| 0.62                                            | 30400                                            | 2268                    | 190000                                                       | 1.65                                   |              |                       |
| 0.69                                            | 27400                                            | 2054                    | 190000                                                       | 1.80                                   |              |                       |
| 0.77                                            | 24200                                            | 1821                    | 190000                                                       | 2.1                                    |              |                       |
| 0.88                                            | 21400                                            | 1605                    | 190000                                                       | 2.3                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 0.51                                            | 36600                                            | 2755                    | 150000                                                       | 0.85                                   | K 167 R97    | 4                     |
| 0.62                                            | 29800                                            | 2263                    | 150000                                                       | 1.05                                   | KH167 R97    | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                                     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----------------------|
| <b>2.2kW</b>                                    |                                                  |                       |                                                              |                                        |                                                  |                       |
| 0.65                                            | 29500                                            | 2182                  | 150000                                                       | 1.10                                   | K 167 R97<br>KH 167 R97                          | 4                     |
| 0.83                                            | 22900                                            | 1704                  | 150000                                                       | 1.40                                   |                                                  |                       |
| 1.0                                             | 19000                                            | 1408                  | 150000                                                       | 1.70                                   |                                                  |                       |
| 1.1                                             | 17400                                            | 1296                  | 150000                                                       | 1.85                                   |                                                  |                       |
| 1.3                                             | 14700                                            | 1101                  | 150000                                                       | 2.2                                    |                                                  |                       |
| 1.5                                             | 12600                                            | 944                   | 150000                                                       | 2.5                                    |                                                  |                       |
| 0.85                                            | 22400                                            | 1659                  | 109700                                                       | 0.80                                   | K 157R97<br>KF 157R97<br>KA 157R97<br>KAF 157R97 | 4                     |
| 1.0                                             | 18300                                            | 1365                  | 112000                                                       | 1.00                                   |                                                  |                       |
| 1.1                                             | 16500                                            | 1229                  | 112900                                                       | 1.10                                   |                                                  |                       |
| 1.3                                             | 14600                                            | 1093                  | 113700                                                       | 1.25                                   |                                                  |                       |
| 1.5                                             | 12600                                            | 942                   | 114500                                                       | 1.45                                   |                                                  |                       |
| 1.6                                             | 11400                                            | 854                   | 114900                                                       | 1.60                                   |                                                  |                       |
| 1.9                                             | 9990                                             | 756                   | 115300                                                       | 1.80                                   |                                                  |                       |
| 2.6                                             | 7180                                             | 536                   | 81700                                                        | 1.80                                   | K 127R87<br>KF 127R87<br>KA 127R87<br>KAF 127R87 | 4                     |
| 3.0                                             | 6310                                             | 473                   | 82000                                                        | 2.1                                    |                                                  |                       |
| 3.4                                             | 5600                                             | 418                   | 82200                                                        | 2.3                                    |                                                  |                       |
| 3.8                                             | 4950                                             | 367                   | 82300                                                        | 2.6                                    |                                                  |                       |
| 4.3                                             | 4440                                             | 330                   | 82400                                                        | 2.9                                    |                                                  |                       |
| 1.4                                             | 14000                                            | 1025                  | 78000                                                        | 0.95                                   | K 127R77<br>KF 127R77<br>KA 127R77<br>KAF 127R77 | 4                     |
| 1.6                                             | 12200                                            | 899                   | 79600                                                        | 1.05                                   |                                                  |                       |
| 1.8                                             | 10700                                            | 790                   | 80400                                                        | 1.20                                   |                                                  |                       |
| 2.0                                             | 9580                                             | 704                   | 80900                                                        | 1.35                                   |                                                  |                       |
| 2.3                                             | 8280                                             | 610                   | 81400                                                        | 1.55                                   |                                                  |                       |
| 2.6                                             | 7460                                             | 549                   | 81600                                                        | 1.75                                   |                                                  |                       |
| 3.0                                             | 6460                                             | 477                   | 81900                                                        | 2.0                                    |                                                  |                       |
| 3.4                                             | 5680                                             | 418                   | 82100                                                        | 2.3                                    |                                                  |                       |
| 2.3                                             | 8340                                             | 615                   | 65000                                                        | 0.95                                   | K 107R77<br>KF 107R77<br>KA 107R77<br>KAF 107R77 | 4                     |
| 2.7                                             | 7070                                             | 522                   | 65000                                                        | 1.15                                   |                                                  |                       |
| 3.1                                             | 6230                                             | 461                   | 65000                                                        | 1.30                                   |                                                  |                       |
| 3.5                                             | 5520                                             | 408                   | 65000                                                        | 1.45                                   |                                                  |                       |
| 3.9                                             | 4940                                             | 364                   | 65000                                                        | 1.60                                   |                                                  |                       |
| 4.4                                             | 4320                                             | 318                   | 65000                                                        | 1.85                                   |                                                  |                       |
| 4.9                                             | 3890                                             | 286                   | 65000                                                        | 2.1                                    |                                                  |                       |
| 5.6                                             | 3410                                             | 251                   | 65000                                                        | 2.3                                    |                                                  |                       |
| 3.7                                             | 5210                                             | 382                   | 39700                                                        | 0.80                                   | K 97 R57<br>KF 97 R57<br>KA 97 R57<br>KAF 97 R57 | 4                     |
| 4.1                                             | 4640                                             | 342                   | 40000                                                        | 0.95                                   |                                                  |                       |
| 4.6                                             | 4170                                             | 305                   | 40000                                                        | 1.05                                   |                                                  |                       |
| 5.5                                             | 3510                                             | 258                   | 40000                                                        | 1.20                                   |                                                  |                       |
| 6.1                                             | 3160                                             | 232                   | 40000                                                        | 1.35                                   |                                                  |                       |
| 7.1                                             | 2710                                             | 199                   | 40000                                                        | 1.60                                   |                                                  |                       |
| 4.9                                             | 4310                                             | 143.47                | 65000                                                        | 1.85                                   | K 107<br>KF 107<br>KA 107<br>KAF 107             | 8                     |
| 5.8                                             | 3650                                             | 121.46                | 65000                                                        | 2.2                                    |                                                  |                       |
| 6.2                                             | 3370                                             | 112.41                | 65000                                                        | 2.4                                    |                                                  |                       |
| 6.9                                             | 3020                                             | 100.75                | 65000                                                        | 2.7                                    |                                                  |                       |
| 6.1                                             | 3420                                             | 153.21                | 40000                                                        | 1.25                                   | K 97<br>KF 97<br>KA 97<br>KAF 97                 | 6                     |
| 6.7                                             | 3140                                             | 140.28                | 40000                                                        | 1.35                                   |                                                  |                       |
| 7.6                                             | 2770                                             | 123.93                | 40000                                                        | 1.55                                   |                                                  |                       |
| 8.9                                             | 2350                                             | 105.13                | 40000                                                        | 1.85                                   |                                                  |                       |
| 8.0                                             | 2620                                             | 176.05                | 40000                                                        | 1.65                                   | K 97<br>KF 97<br>KA 97<br>KAF 97                 | 4                     |
| 9.2                                             | 2280                                             | 153.21                | 40000                                                        | 1.90                                   |                                                  |                       |
| 10                                              | 2090                                             | 140.28                | 40000                                                        | 2.1                                    |                                                  |                       |
| 11                                              | 1850                                             | 123.93                | 40000                                                        | 2.3                                    |                                                  |                       |
| 13                                              | 1570                                             | 105.13                | 40000                                                        | 2.8                                    | K 97<br>KF 97<br>KA 97<br>KAF 97                 | 4                     |
| 15                                              | 1440                                             | 96.80                 | 40000                                                        | 3.0                                    |                                                  |                       |
| 9.6                                             | 2200                                             | 147.32                | 27900                                                        | 1.25                                   | K 87<br>KF 87<br>KA 87<br>KAF 87                 | 4                     |
| 11                                              | 1890                                             | 126.91                | 28200                                                        | 1.45                                   |                                                  |                       |
| 12                                              | 1730                                             | 115.82                | 28300                                                        | 1.55                                   |                                                  |                       |
| 14                                              | 1530                                             | 102.71                | 28500                                                        | 1.75                                   |                                                  |                       |
| 16                                              | 1290                                             | 86.34                 | 28600                                                        | 2.1                                    |                                                  |                       |
| 18                                              | 1180                                             | 79.34                 | 28700                                                        | 2.3                                    | K 87<br>KF 87<br>KA 87<br>KAF 87                 | 4                     |
| 20                                              | 1050                                             | 70.46                 | 28800                                                        | 2.6                                    |                                                  |                       |
| 22                                              | 940                                              | 63.00                 | 28800                                                        | 2.9                                    |                                                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                     | 电机<br>极数<br>Pole<br>P |                                  |   |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------|-----------------------|----------------------------------|---|
| 2.2kW                                           |                                                  |                       |                                                              |                                        |                                  |                       |                                  |   |
| 12                                              | 1690                                             | 113.56                | 14300                                                        | 0.90                                   | K 77<br>KF 77<br>KA 77<br>KAF 77 | 4                     |                                  |   |
| 15                                              | 1450                                             | 97.05                 | 16100                                                        | 1.05                                   |                                  |                       |                                  |   |
| 16                                              | 1330                                             | 88.97                 | 16800                                                        | 1.15                                   |                                  |                       |                                  |   |
| 18                                              | 1160                                             | 78.07                 | 17600                                                        | 1.35                                   |                                  |                       |                                  |   |
| 19                                              | 1100                                             | 73.99                 | 17900                                                        | 1.40                                   |                                  |                       |                                  |   |
| 22                                              | 960                                              | 64.75                 | 18400                                                        | 1.60                                   |                                  |                       |                                  |   |
| 24                                              | 870                                              | 58.34                 | 18800                                                        | 1.80                                   | K 77<br>KF 77<br>KA 77<br>KAF 77 | 4                     |                                  |   |
| 28                                              | 765                                              | 51.18                 | 19100                                                        | 2.0                                    |                                  |                       |                                  |   |
| 31                                              | 675                                              | 45.16                 | 19300                                                        | 2.3                                    |                                  |                       |                                  |   |
| 35                                              | 595                                              | 40.04                 | 19500                                                        | 2.6                                    |                                  |                       |                                  |   |
| 40                                              | 525                                              | 35.20                 | 19700                                                        | 3.0                                    |                                  |                       |                                  |   |
| 46                                              | 460                                              | 30.89                 | 19800                                                        | 3.4                                    |                                  |                       |                                  |   |
| 48                                              | 435                                              | 29.27                 | 19800                                                        | 3.6                                    |                                  |                       |                                  |   |
| 55                                              | 380                                              | 25.62                 | 19900                                                        | 4.1                                    |                                  |                       |                                  |   |
| 23                                              | 900                                              | 60.66                 | 9490                                                         | 0.90                                   |                                  |                       | K 67<br>KF 67<br>KA 67<br>KAF 67 | 4 |
| 25                                              | 850                                              | 57.28                 | 10000                                                        | 0.95                                   |                                  |                       |                                  |   |
| 29                                              | 725                                              | 48.77                 | 11100                                                        | 1.15                                   |                                  |                       |                                  |   |
| 32                                              | 660                                              | 44.32                 | 11500                                                        | 1.25                                   |                                  |                       |                                  |   |
| 37                                              | 570                                              | 38.39                 | 12100                                                        | 1.40                                   |                                  |                       |                                  |   |
| 40                                              | 530                                              | 35.62                 | 12300                                                        | 1.55                                   |                                  |                       |                                  |   |
| 47                                              | 450                                              | 30.22                 | 12600                                                        | 1.80                                   |                                  |                       |                                  |   |
| 52                                              | 405                                              | 27.28                 | 12800                                                        | 2.0                                    | K 67<br>KF 67<br>KA 67<br>KAF 67 | 4                     |                                  |   |
| 59                                              | 360                                              | 24.00                 | 13000                                                        | 2.2                                    |                                  |                       |                                  |   |
| 62                                              | 340                                              | 22.66                 | 13000                                                        | 2.3                                    |                                  |                       |                                  |   |
| 73                                              | 285                                              | 19.30                 | 13000                                                        | 2.6                                    |                                  |                       |                                  |   |
| 80                                              | 260                                              | 17.54                 | 13000                                                        | 2.8                                    |                                  |                       |                                  |   |
| 93                                              | 225                                              | 15.19                 | 13000                                                        | 3.1                                    |                                  |                       |                                  |   |
| 107                                             | 197                                              | 13.22                 | 13000                                                        | 3.4                                    |                                  |                       |                                  |   |
| 113                                             | 186                                              | 12.48                 | 13000                                                        | 2.8                                    |                                  |                       |                                  |   |
| 133                                             | 158                                              | 10.63                 | 13000                                                        | 3.2                                    |                                  |                       |                                  |   |
| 146                                             | 144                                              | 9.66                  | 13000                                                        | 3.3                                    |                                  |                       |                                  |   |
| 169                                             | 125                                              | 8.37                  | 13000                                                        | 3.5                                    |                                  |                       |                                  |   |
| 194                                             | 109                                              | 7.28                  | 12700                                                        | 3.9                                    |                                  |                       |                                  |   |
| 32                                              | 660                                              | 44.43                 | 5100                                                         | 0.90                                   |                                  |                       | K 57<br>KF 57<br>KA 57<br>KAF 57 | 4 |
| 37                                              | 575                                              | 38.49                 | 7850                                                         | 1.05                                   |                                  |                       |                                  |   |
| 39                                              | 530                                              | 35.70                 | 8080                                                         | 1.15                                   |                                  |                       |                                  |   |
| 47                                              | 450                                              | 30.28                 | 8250                                                         | 1.35                                   |                                  |                       |                                  |   |
| 52                                              | 405                                              | 27.34                 | 8160                                                         | 1.45                                   | K 57<br>KF 57<br>KA 57<br>KAF 57 | 4                     |                                  |   |
| 59                                              | 360                                              | 24.05                 | 8030                                                         | 1.65                                   |                                  |                       |                                  |   |
| 62                                              | 340                                              | 22.71                 | 7970                                                         | 1.75                                   |                                  |                       |                                  |   |
| 73                                              | 290                                              | 19.34                 | 7760                                                         | 2.0                                    |                                  |                       |                                  |   |
| 80                                              | 260                                              | 17.57                 | 7630                                                         | 2.1                                    |                                  |                       |                                  |   |
| 93                                              | 225                                              | 15.22                 | 7430                                                         | 2.4                                    |                                  |                       |                                  |   |
| 106                                             | 197                                              | 13.25                 | 7220                                                         | 2.6                                    |                                  |                       |                                  |   |
| 118                                             | 178                                              | 11.92                 | 6890                                                         | 2.3                                    |                                  |                       |                                  |   |
| 125                                             | 168                                              | 11.26                 | 6810                                                         | 2.5                                    |                                  |                       |                                  |   |
| 54                                              | 385                                              | 25.91                 | 5260                                                         | 1.05                                   |                                  |                       | K 47<br>KF 47<br>KA 47<br>KAF 47 | 4 |
| 65                                              | 325                                              | 21.81                 | 5260                                                         | 1.25                                   |                                  |                       |                                  |   |
| 72                                              | 290                                              | 19.58                 | 5240                                                         | 1.35                                   |                                  |                       |                                  |   |
| 84                                              | 250                                              | 16.86                 | 5190                                                         | 1.50                                   |                                  |                       |                                  |   |
| 89                                              | 235                                              | 15.86                 | 5160                                                         | 1.60                                   | K 47<br>KF 47<br>KA 47<br>KAF 47 | 4                     |                                  |   |
| 103                                             | 205                                              | 13.65                 | 5070                                                         | 1.75                                   |                                  |                       |                                  |   |
| 116                                             | 182                                              | 12.19                 | 4990                                                         | 1.95                                   |                                  |                       |                                  |   |
| 120                                             | 175                                              | 11.77                 | 4890                                                         | 1.60                                   |                                  |                       |                                  |   |
| 133                                             | 157                                              | 10.56                 | 4810                                                         | 1.80                                   |                                  |                       |                                  |   |
| 155                                             | 136                                              | 9.10                  | 4690                                                         | 2.1                                    |                                  |                       |                                  |   |
| 108                                             | 195                                              | 13.08                 | 2370                                                         | 0.85                                   |                                  |                       | K 37<br>KF 37<br>KA 37<br>KAF 37 | 4 |
| 134                                             | 156                                              | 10.49                 | 2430                                                         | 1.00                                   |                                  |                       |                                  |   |
| 158                                             | 133                                              | 8.91                  | 2440                                                         | 1.20                                   |                                  |                       |                                  |   |
| 177                                             | 119                                              | 7.96                  | 2430                                                         | 1.30                                   |                                  |                       |                                  |   |
| 207                                             | 101                                              | 6.80                  | 2410                                                         | 1.50                                   |                                  |                       |                                  |   |
| 221                                             | 95                                               | 6.37                  | 2400                                                         | 1.55                                   |                                  |                       |                                  |   |
| 263                                             | 80                                               | 5.36                  | 2350                                                         | 1.75                                   |                                  |                       |                                  |   |
| 3.0kW                                           |                                                  |                       |                                                              |                                        |                                  |                       |                                  |   |
| 0.50                                            | 51300                                            | 2818                  | 187700                                                       | 0.95                                   | K 187 R97<br>KH 187 R97          | 4 4                   |                                  |   |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |  |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|--|
| 3.0kW                                           |                                                  |                         |                                                              |                                        |              |                       |  |
| 0.46                                            | 57100                                            | 3062                    | 177600                                                       | 0.90                                   | K 187 R97    | 4                     |  |
| 0.56                                            | 46800                                            | 2519                    | 190000                                                       | 1.05                                   |              |                       |  |
| 0.62                                            | 42100                                            | 2268                    | 190000                                                       | 1.20                                   |              |                       |  |
| 0.68                                            | 38000                                            | 2054                    | 190000                                                       | 1.30                                   |              |                       |  |
| 0.77                                            | 33600                                            | 1821                    | 190000                                                       | 1.50                                   |              |                       |  |
| 0.87                                            | 29700                                            | 1605                    | 190000                                                       | 1.70                                   |              |                       |  |
| 1.0                                             | 25600                                            | 1395                    | 190000                                                       | 1.95                                   |              |                       |  |
| 1.2                                             | 22100                                            | 1196                    | 190000                                                       | 2.3                                    |              |                       |  |
| 0.82                                            | 31700                                            | 1704                    | 150000                                                       | 1.00                                   | K 167 R97    | 4                     |  |
| 0.99                                            | 26200                                            | 1408                    | 150000                                                       | 1.20                                   |              |                       |  |
| 1.1                                             | 24100                                            | 1296                    | 150000                                                       | 1.35                                   |              |                       |  |
| 1.3                                             | 20300                                            | 1101                    | 150000                                                       | 1.55                                   |              |                       |  |
| 1.5                                             | 17500                                            | 944                     | 150000                                                       | 1.85                                   |              |                       |  |
| 1.7                                             | 15500                                            | 843                     | 150000                                                       | 2.1                                    |              |                       |  |
| 1.9                                             | 14000                                            | 757                     | 150000                                                       | 2.3                                    |              |                       |  |
| 1.1                                             | 22800                                            | 1229                    | 109400                                                       | 0.80                                   | K 157 R97    | 4                     |  |
| 1.3                                             | 20300                                            | 1093                    | 111000                                                       | 0.90                                   |              |                       |  |
| 1.5                                             | 17500                                            | 942                     | 112400                                                       | 1.05                                   |              |                       |  |
| 1.6                                             | 15800                                            | 854                     | 113200                                                       | 1.15                                   |              |                       |  |
| 1.9                                             | 13900                                            | 756                     | 114000                                                       | 1.30                                   |              |                       |  |
| 2.5                                             | 10500                                            | 567                     | 115200                                                       | 1.70                                   |              |                       |  |
| 2.8                                             | 9310                                             | 504                     | 115500                                                       | 1.95                                   |              |                       |  |
| 2.6                                             | 9940                                             | 536                     | 80700                                                        | 1.30                                   | K 127 R87    | 4                     |  |
| 3.0                                             | 8750                                             | 473                     | 81200                                                        | 1.50                                   |              |                       |  |
| 3.3                                             | 7760                                             | 418                     | 81500                                                        | 1.70                                   |              |                       |  |
| 3.8                                             | 6840                                             | 367                     | 81800                                                        | 1.90                                   |              |                       |  |
| 4.2                                             | 6140                                             | 330                     | 82000                                                        | 2.1                                    |              |                       |  |
| 4.9                                             | 5300                                             | 287                     | 82200                                                        | 2.5                                    |              |                       |  |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |  |
| 1.8                                             | 14800                                            | 790                     | 76500                                                        | 0.90                                   | K 127 R77    | 4                     |  |
| 2.0                                             | 13200                                            | 704                     | 79100                                                        | 1.00                                   |              |                       |  |
| 2.3                                             | 11400                                            | 610                     | 80000                                                        | 1.15                                   |              |                       |  |
| 2.5                                             | 10300                                            | 549                     | 80600                                                        | 1.25                                   |              |                       |  |
| 2.9                                             | 8920                                             | 477                     | 81100                                                        | 1.45                                   |              |                       |  |
| 3.3                                             | 7840                                             | 418                     | 81500                                                        | 1.65                                   |              |                       |  |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |  |
| 3.0                                             | 8610                                             | 461                     | 65000                                                        | 0.95                                   | K 107 R77    | 4                     |  |
| 3.4                                             | 7620                                             | 408                     | 65000                                                        | 1.05                                   |              |                       |  |
| 3.8                                             | 6820                                             | 364                     | 65000                                                        | 1.15                                   |              |                       |  |
| 4.4                                             | 5960                                             | 318                     | 65000                                                        | 1.35                                   |              |                       |  |
| 4.9                                             | 5370                                             | 286                     | 65000                                                        | 1.50                                   |              |                       |  |
| 5.6                                             | 4700                                             | 251                     | 65000                                                        | 1.70                                   |              |                       |  |
| 6.3                                             | 4150                                             | 222                     | 65000                                                        | 1.95                                   |              |                       |  |
| 7.1                                             | 3670                                             | 196                     | 65000                                                        | 2.2                                    |              |                       |  |
| 8.1                                             | 3250                                             | 174                     | 65000                                                        | 2.2                                    |              |                       |  |
| 9.1                                             | 2880                                             | 154                     | 65000                                                        | 2.5                                    |              |                       |  |
| 10                                              | 2610                                             | 140                     | 65000                                                        | 2.8                                    |              |                       |  |
| 5.4                                             | 4840                                             | 258                     | 40000                                                        | 0.90                                   | K 97 R57     | 4                     |  |
| 6.0                                             | 4360                                             | 232                     | 40000                                                        | 1.00                                   |              |                       |  |
| 7.0                                             | 3740                                             | 199                     | 40000                                                        | 1.15                                   |              |                       |  |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |  |
| 5.0                                             | 5710                                             | 143.47                  | 65000                                                        | 1.40                                   | K 107        | 8                     |  |
| 5.9                                             | 4830                                             | 121.46                  | 65000                                                        | 1.65                                   |              |                       |  |
| 6.4                                             | 4470                                             | 112.41                  | 65000                                                        | 1.80                                   |              |                       |  |
| 7.2                                             | 4010                                             | 100.75                  | 65000                                                        | 2.0                                    |              |                       |  |
| 7.9                                             | 3620                                             | 90.96                   | 65000                                                        | 2.2                                    |              |                       |  |
| 6.6                                             | 4370                                             | 143.47                  | 65000                                                        | 1.85                                   | K 107        | 6                     |  |
| 7.7                                             | 3700                                             | 121.46                  | 65000                                                        | 2.2                                    |              |                       |  |
| 8.4                                             | 3430                                             | 112.41                  | 65000                                                        | 2.3                                    |              |                       |  |
| 9.3                                             | 3070                                             | 100.75                  | 65000                                                        | 2.6                                    |              |                       |  |
| 9.8                                             | 2940                                             | 143.47                  | 65000                                                        | 2.7                                    | K 107        | 4                     |  |
| 12                                              | 2490                                             | 121.46                  | 65000                                                        | 3.2                                    |              |                       |  |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |  |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |  |
| 7.6                                             | 3780                                             | 123.93                  | 40000                                                        | 1.15                                   | K 97         | 6                     |  |
| 8.9                                             | 3200                                             | 105.13                  | 40000                                                        | 1.35                                   |              |                       |  |
| 9.7                                             | 2950                                             | 96.80                   | 40000                                                        | 1.45                                   |              |                       |  |
| 11                                              | 2640                                             | 86.52                   | 40000                                                        | 1.65                                   |              |                       |  |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{rs}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------|-----------------------|
| 3.0kW                                           |                                                  |                         |                                                              |                                        |                                  |                       |
| 7.9                                             | 3600                                             | 176.05                  | 40000                                                        | 1.20                                   | K 97                             | 4                     |
| 9.1                                             | 3140                                             | 153.21                  | 40000                                                        | 1.35                                   | KF 97                            | 4                     |
| 10                                              | 2870                                             | 140.28                  | 40000                                                        | 1.50                                   | KA 97                            | 4                     |
| 11                                              | 2540                                             | 123.93                  | 40000                                                        | 1.70                                   | KAF 97                           | 4                     |
| 13                                              | 2150                                             | 105.13                  | 40000                                                        | 2.0                                    | K 97<br>KF 97<br>KA 97<br>KAF 97 | 4                     |
| 14                                              | 1980                                             | 96.80                   | 40000                                                        | 2.2                                    |                                  | 4                     |
| 16                                              | 1770                                             | 86.52                   | 40000                                                        | 2.4                                    |                                  | 4                     |
| 18                                              | 1590                                             | 77.89                   | 40000                                                        | 2.7                                    |                                  | 4                     |
| 20                                              | 1440                                             | 70.54                   | 40000                                                        | 3.0                                    |                                  | 4                     |
| 22                                              | 1280                                             | 62.55                   | 40000                                                        | 3.4                                    |                                  | 4                     |
| 25                                              | 1160                                             | 56.55                   | 40000                                                        | 3.7                                    |                                  | 4                     |
| 9.5                                             | 3010                                             | 147.32                  | 26900                                                        | 0.90                                   | K 87                             | 4                     |
| 11                                              | 2600                                             | 126.91                  | 27400                                                        | 1.05                                   | KF 87                            | 4                     |
| 12                                              | 2370                                             | 115.82                  | 27700                                                        | 1.15                                   | KA 87                            | 4                     |
| 14                                              | 2100                                             | 102.71                  | 28000                                                        | 1.30                                   | KAF 87                           | 4                     |
| 16                                              | 1770                                             | 86.34                   | 28300                                                        | 1.55                                   | K 87<br>KF 87<br>KA 87<br>KAF 87 | 4                     |
| 18                                              | 1620                                             | 79.34                   | 28400                                                        | 1.65                                   |                                  | 4                     |
| 20                                              | 1440                                             | 70.46                   | 28500                                                        | 1.85                                   |                                  | 4                     |
| 22                                              | 1290                                             | 63.00                   | 28600                                                        | 2.1                                    |                                  | 4                     |
| 25                                              | 1160                                             | 56.64                   | 28700                                                        | 2.3                                    |                                  | 4                     |
| 28                                              | 1010                                             | 49.16                   | 28800                                                        | 2.7                                    |                                  | 4                     |
| 32                                              | 900                                              | 44.02                   | 28800                                                        | 2.9                                    |                                  | 4                     |
| 38                                              | 745                                              | 36.52                   | 28400                                                        | 3.3                                    |                                  | 4                     |
| 16                                              | 1820                                             | 88.97                   | 13100                                                        | 0.85                                   | K 77<br>KF 77<br>KA 77<br>KAF 77 | 4                     |
| 18                                              | 1600                                             | 78.07                   | 15000                                                        | 0.95                                   |                                  | 4                     |
| 19                                              | 1510                                             | 73.99                   | 15600                                                        | 1.00                                   |                                  | 4                     |
| 22                                              | 1330                                             | 64.75                   | 16800                                                        | 1.15                                   |                                  | 4                     |
| 24                                              | 1190                                             | 58.34                   | 17500                                                        | 1.30                                   |                                  | 4                     |
| 27                                              | 1050                                             | 51.18                   | 18100                                                        | 1.50                                   |                                  | 4                     |
| 31                                              | 920                                              | 45.16                   | 18600                                                        | 1.70                                   | K 77                             | 4                     |
| 35                                              | 820                                              | 40.04                   | 18900                                                        | 1.90                                   | KF 77                            | 4                     |
| 40                                              | 720                                              | 35.20                   | 19200                                                        | 2.2                                    | KA 77                            | 4                     |
| 45                                              | 630                                              | 30.89                   | 19400                                                        | 2.5                                    | KAF 77                           | 4                     |
| 32                                              | 910                                              | 44.32                   | 9450                                                         | 0.90                                   | K 67<br>KF 67<br>KA 67<br>KAF 67 | 4                     |
| 36                                              | 785                                              | 38.39                   | 10600                                                        | 1.00                                   |                                  | 4                     |
| 39                                              | 730                                              | 35.62                   | 11100                                                        | 1.15                                   |                                  | 4                     |
| 46                                              | 620                                              | 30.22                   | 11800                                                        | 1.35                                   |                                  | 4                     |
| 51                                              | 560                                              | 27.28                   | 12100                                                        | 1.45                                   |                                  | 4                     |
| 58                                              | 490                                              | 24.00                   | 12500                                                        | 1.65                                   |                                  | 4                     |
| 62                                              | 465                                              | 22.66                   | 12600                                                        | 1.70                                   | K 67<br>KF 67<br>KA 67<br>KAF 67 | 4                     |
| 73                                              | 395                                              | 19.30                   | 12800                                                        | 1.95                                   |                                  | 4                     |
| 80                                              | 360                                              | 17.54                   | 13000                                                        | 2.1                                    |                                  | 4                     |
| 92                                              | 310                                              | 15.19                   | 13000                                                        | 2.2                                    |                                  | 4                     |
| 106                                             | 270                                              | 13.22                   | 13000                                                        | 2.5                                    |                                  | 4                     |
| 112                                             | 255                                              | 12.48                   | 13000                                                        | 2.1                                    |                                  | 4                     |
| 132                                             | 220                                              | 10.63                   | 13000                                                        | 2.3                                    |                                  | 4                     |
| 145                                             | 198                                              | 9.66                    | 13000                                                        | 2.4                                    |                                  | 4                     |
| 46                                              | 620                                              | 30.28                   | 7180                                                         | 0.95                                   | K 57                             | 4                     |
| 51                                              | 560                                              | 27.34                   | 7190                                                         | 1.05                                   | KF 57                            | 4                     |
| 58                                              | 490                                              | 24.05                   | 7180                                                         | 1.20                                   | KA 57                            | 4                     |
| 62                                              | 465                                              | 22.71                   | 7160                                                         | 1.30                                   | KAF 57                           | 4                     |
| 72                                              | 395                                              | 19.34                   | 7080                                                         | 1.45                                   | K 57<br>KF 57<br>KA 57<br>KAF 57 | 4                     |
| 80                                              | 360                                              | 17.57                   | 7020                                                         | 1.55                                   |                                  | 4                     |
| 92                                              | 310                                              | 15.22                   | 6890                                                         | 1.70                                   |                                  | 4                     |
| 106                                             | 270                                              | 13.25                   | 6750                                                         | 1.90                                   |                                  | 4                     |
| 117                                             | 245                                              | 19.92                   | 6420                                                         | 1.70                                   |                                  | 4                     |
| 124                                             | 230                                              | 11.26                   | 6370                                                         | 1.80                                   |                                  | 4                     |
| 146                                             | 196                                              | 9.59                    | 6200                                                         | 2.1                                    |                                  | 4                     |
| 161                                             | 178                                              | 8.71                    | 6090                                                         | 2.2                                    |                                  | 4                     |
| 189                                             | 154                                              | 7.55                    | 5920                                                         | 2.4                                    |                                  | 4                     |
| 213                                             | 134                                              | 6.57                    | 5750                                                         | 2.6                                    |                                  | 4                     |
| 72                                              | 400                                              | 19.58                   | 4430                                                         | 1.00                                   | K 47                             | 4                     |
| 83                                              | 345                                              | 16.86                   | 4490                                                         | 1.10                                   | KF 47                            | 4                     |
| 88                                              | 325                                              | 15.86                   | 4500                                                         | 1.15                                   | KA 47                            | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 47                           | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                                         | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|------------------------------------------------------|-----------------------|
| <b>3.0kW</b>                                    |                                                  |                       |                                                              |                                        |                                                      |                       |
| 103                                             | 280                                              | 13.65                 | 4510                                                         | 1.30                                   | K 47<br>KF 47<br>KA 47<br>KAF47                      | 4                     |
| 115                                             | 250                                              | 12.19                 | 4490                                                         | 1.40                                   |                                                      | 4                     |
| 119                                             | 240                                              | 11.77                 | 4370                                                         | 1.15                                   |                                                      | 4                     |
| 133                                             | 215                                              | 10.56                 | 4350                                                         | 1.30                                   |                                                      | 4                     |
| 154                                             | 186                                              | 9.10                  | 4290                                                         | 1.50                                   |                                                      | 4                     |
| 164                                             | 175                                              | 8.56                  | 4270                                                         | 1.55                                   |                                                      | 4                     |
| 190                                             | 151                                              | 7.36                  | 4190                                                         | 1.65                                   |                                                      | 4                     |
| 213                                             | 135                                              | 6.58                  | 4120                                                         | 1.80                                   |                                                      | 4                     |
| 241                                             | 119                                              | 5.81                  | 4030                                                         | 1.95                                   |                                                      | 4                     |
| 157                                             | 182                                              | 8.91                  | 2000                                                         | 0.90                                   | K 37                                                 | 4                     |
| 176                                             | 163                                              | 7.96                  | 2040                                                         | 0.95                                   | KF 37                                                | 4                     |
| 206                                             | 139                                              | 6.80                  | 2080                                                         | 1.10                                   | KA 37                                                | 4                     |
| 220                                             | 130                                              | 6.37                  | 2080                                                         | 1.10                                   | KAF37                                                | 4                     |
| 261                                             | 110                                              | 5.36                  | 2090                                                         | 1.30                                   |                                                      | 4                     |
| <b>4.0kW</b>                                    |                                                  |                       |                                                              |                                        |                                                      |                       |
| 1..7                                            | 20300                                            | 835                   | 190000                                                       | 2.5                                    | K 187 R107                                           | 4                     |
| 2.7                                             | 12600                                            | 520                   | 190000                                                       | 4.0                                    | KH 187 R107                                          | 4                     |
| 0.56                                            | 61900                                            | 2519                  | 168800                                                       | 0.80                                   | K 187 R97<br>KH 187 R97                              | 4                     |
| 0.63                                            | 55600                                            | 2268                  | 180200                                                       | 0.90                                   |                                                      | 4                     |
| 0.69                                            | 50300                                            | 2054                  | 189400                                                       | 1.00                                   |                                                      | 4                     |
| 0.78                                            | 44500                                            | 1821                  | 190000                                                       | 1.10                                   |                                                      | 4                     |
| 0.88                                            | 39300                                            | 1605                  | 190000                                                       | 1.25                                   |                                                      | 4                     |
| 1.0                                             | 34000                                            | 1395                  | 190000                                                       | 1.45                                   |                                                      | 4                     |
| 1.2                                             | 29200                                            | 1196                  | 190000                                                       | 1.70                                   |                                                      | 4                     |
| 1.4                                             | 25600                                            | 1046                  | 190000                                                       | 1.95                                   |                                                      | 4                     |
| 1.5                                             | 23100                                            | 945                   | 190000                                                       | 2.2                                    |                                                      | 4                     |
| 1.0                                             | 34600                                            | 1408                  | 150000                                                       | 0.90                                   | K 167 R97<br>KH 167 R97                              | 4                     |
| 1.1                                             | 31900                                            | 1296                  | 150000                                                       | 1.00                                   |                                                      | 4                     |
| 1.3                                             | 26900                                            | 1101                  | 150000                                                       | 1.20                                   |                                                      | 4                     |
| 1.5                                             | 23100                                            | 944                   | 150000                                                       | 1.40                                   |                                                      | 4                     |
| 1.7                                             | 20500                                            | 843                   | 150000                                                       | 1.55                                   |                                                      | 4                     |
| 1.9                                             | 18500                                            | 757                   | 150000                                                       | 1.75                                   |                                                      | 4                     |
| 2.2                                             | 15400                                            | 632                   | 150000                                                       | 2.1                                    |                                                      | 4                     |
| 1.7                                             | 20900                                            | 854                   | 110600                                                       | 0.85                                   | K 157 R97                                            | 4                     |
| 1.9                                             | 18400                                            | 756                   | 112000                                                       | 1.00                                   | KF 157 R97                                           | 4                     |
| 2.5                                             | 13800                                            | 567                   | 114000                                                       | 1.30                                   | KA 157 R97                                           | 4                     |
| 2.8                                             | 12300                                            | 504                   | 114600                                                       | 1.45                                   | KAF 157 R97                                          | 4                     |
| 3.3                                             | 10600                                            | 434                   | 115100                                                       | 1.70                                   |                                                      | 4                     |
| 2.7                                             | 13100                                            | 536                   | 79100                                                        | 1.00                                   | K 127 R87<br>KF 127 R87<br>KA 127 R87<br>KAF 127 R87 | 4                     |
| 3.0                                             | 11600                                            | 473                   | 79900                                                        | 1.10                                   |                                                      | 4                     |
| 3.4                                             | 10300                                            | 418                   | 80600                                                        | 1.25                                   |                                                      | 4                     |
| 3.9                                             | 9040                                             | 367                   | 81100                                                        | 1.45                                   |                                                      | 4                     |
| 4.3                                             | 8120                                             | 330                   | 81400                                                        | 1.60                                   |                                                      | 4                     |
| 5.0                                             | 7010                                             | 287                   | 81800                                                        | 1.85                                   |                                                      | 4                     |
| 5.6                                             | 6200                                             | 253                   | 82000                                                        | 2.1                                    |                                                      | 4                     |
| 2.3                                             | 15100                                            | 610                   | 75800                                                        | 0.85                                   | K 127 R77                                            | 4                     |
| 2.6                                             | 13600                                            | 549                   | 78800                                                        | 0.95                                   | KF 127 R77                                           | 4                     |
| 3.0                                             | 11800                                            | 477                   | 79800                                                        | 1.10                                   | KA 127 R77                                           | 4                     |
| 3.4                                             | 10300                                            | 418                   | 80500                                                        | 1.25                                   | KAF 127 R77                                          | 4                     |
| 3.9                                             | 8990                                             | 364                   | 650000                                                       | 0.90                                   | K 107 R77<br>KF 107 R77<br>KA 107 R77<br>KAF 107 R77 | 4                     |
| 4.5                                             | 7860                                             | 318                   | 650000                                                       | 1.00                                   |                                                      | 4                     |
| 5.0                                             | 7080                                             | 286                   | 650000                                                       | 1.15                                   |                                                      | 4                     |
| 5.7                                             | 6200                                             | 251                   | 650000                                                       | 1.30                                   |                                                      | 4                     |
| 6.4                                             | 5470                                             | 222                   | 650000                                                       | 1.45                                   |                                                      | 4                     |
| 7.2                                             | 4840                                             | 196                   | 650000                                                       | 1.65                                   |                                                      | 4                     |
| 8.2                                             | 4290                                             | 174                   | 650000                                                       | 1.70                                   |                                                      | 4                     |
| 9.2                                             | 3800                                             | 154                   | 650000                                                       | 1.90                                   |                                                      | 4                     |
| 10                                              | 3440                                             | 140                   | 650000                                                       | 2.1                                    |                                                      | 4                     |
| 7.1                                             | 4930                                             | 199                   | 40000                                                        | 0.85                                   | K 97 R57<br>KF 97 R57<br>KA 97 R57<br>KAF 97 R57     | 4                     |
| 5.3                                             | 7220                                             | 132.14                | 81700                                                        | 1.80                                   | K 127                                                | 8                     |
| 5.9                                             | 6500                                             | 122.48                | 81900                                                        | 2.0                                    | KF 127                                               | 8                     |
| 6.5                                             | 5850                                             | 110.18                | 82100                                                        | 2.2                                    | KA 127<br>KAF 127                                    | 8                     |
| <b>4.0kW</b>                                    |                                                  |                       |                                                              |                                        |                                                      |                       |
| 6.6                                             | 5810                                             | 146.07                | 82100                                                        | 2.2                                    | K 127                                                | 6                     |
| 7.1                                             | 5420                                             | 136.14                | 82200                                                        | 2.4                                    | KF 127                                               | 6                     |
| 7.8                                             | 4870                                             | 122.48                | 82300                                                        | 2.7                                    | KA 127                                               | 6                     |
| 8.7                                             | 4380                                             | 110.18                | 82400                                                        | 3.0                                    | KAF 127                                              | 6                     |
| 6.4                                             | 5960                                             | 112.41                | 65000                                                        | 1.35                                   | K 107                                                | 8                     |
| 7.2                                             | 5340                                             | 100.75                | 65000                                                        | 1.50                                   | KF 107                                               | 8                     |
| 7.9                                             | 4830                                             | 90.96                 | 65000                                                        | 1.65                                   | KA 107                                               | 8                     |
| 8.7                                             | 4380                                             | 82.61                 | 65000                                                        | 1.85                                   | KAF 107                                              | 8                     |
| 6.7                                             | 5710                                             | 143.47                | 65000                                                        | 1.40                                   | K 107                                                | 6                     |
| 7.9                                             | 4830                                             | 121.46                | 65000                                                        | 1.65                                   | KF 107                                               | 6                     |
| 8.5                                             | 4470                                             | 112.41                | 65000                                                        | 1.80                                   | KA 107                                               | 6                     |
| 9.5                                             | 4010                                             | 100.75                | 65000                                                        | 2.0                                    | KAF 107                                              | 6                     |
| 11                                              | 3620                                             | 90.96                 | 65000                                                        | 2.2                                    |                                                      | 6                     |
| 9.9                                             | 3860                                             | 143.47                | 65000                                                        | 2.1                                    | K 107<br>KF 107<br>KA 107<br>KAF 107                 | 4                     |
| 12                                              | 3270                                             | 121.46                | 65000                                                        | 2.5                                    |                                                      | 4                     |
| 13                                              | 3020                                             | 112.41                | 65000                                                        | 2.7                                    |                                                      | 4                     |
| 14                                              | 2710                                             | 100.75                | 65000                                                        | 3.0                                    |                                                      | 4                     |
| 16                                              | 2450                                             | 90.96                 | 65000                                                        | 3.3                                    |                                                      | 4                     |
| 17                                              | 2220                                             | 82.61                 | 65000                                                        | 3.6                                    |                                                      | 4                     |
| 19                                              | 1970                                             | 73.30                 | 65000                                                        | 4.1                                    |                                                      | 4                     |
| 9.3                                             | 4120                                             | 153.21                | 40000                                                        | 1.05                                   | K 97                                                 | 4                     |
| 10                                              | 3770                                             | 140.28                | 40000                                                        | 1.15                                   | KF 97                                                | 4                     |
| 11                                              | 3330                                             | 123.93                | 40000                                                        | 1.30                                   | KA 97<br>KAF 97                                      | 4                     |
| 14                                              | 2830                                             | 105.13                | 40000                                                        | 1.50                                   | K 97                                                 | 4                     |
| 15                                              | 2600                                             | 96.80                 | 40000                                                        | 1.65                                   | KF 97                                                | 4                     |
| 16                                              | 2330                                             | 86.52                 | 40000                                                        | 1.85                                   | KA 97                                                | 4                     |
| 18                                              | 2100                                             | 77.89                 | 40000                                                        | 2.0                                    | KAF 97                                               | 4                     |
| 20                                              | 1900                                             | 70.54                 | 40000                                                        | 2.3                                    |                                                      | 4                     |
| 12                                              | 3120                                             | 115.82                | 26700                                                        | 0.85                                   | K 87                                                 | 4                     |
| 14                                              | 2760                                             | 102.71                | 27200                                                        | 1.00                                   | KF 87                                                | 4                     |
| 16                                              | 2320                                             | 86.34                 | 27700                                                        | 1.15                                   | KA 87                                                | 4                     |
| 18                                              | 2130                                             | 79.34                 | 27900                                                        | 1.25                                   | KAF 87                                               | 4                     |
| 20                                              | 1900                                             | 70.46                 | 28200                                                        | 1.40                                   | K 87<br>KF 87<br>KA 87<br>KAF 87                     | 4                     |
| 23                                              | 1690                                             | 63.00                 | 28300                                                        | 1.60                                   |                                                      | 4                     |
| 25                                              | 1520                                             | 56.64                 | 28500                                                        | 1.75                                   |                                                      | 4                     |
| 29                                              | 1320                                             | 49.16                 | 28600                                                        | 2.0                                    |                                                      | 4                     |
| 32                                              | 1180                                             | 44.02                 | 28300                                                        | 2.2                                    |                                                      | 4                     |
| 39                                              | 980                                              | 36.52                 | 27300                                                        | 2.5                                    |                                                      | 4                     |
| 22                                              | 1740                                             | 64.75                 | 13900                                                        | 0.90                                   | K 77<br>KF 77<br>KA 77<br>KAF 77                     | 4                     |
| 24                                              | 1570                                             | 58.34                 | 15200                                                        | 1.00                                   |                                                      | 4                     |
| 28                                              | 1380                                             | 51.18                 | 16500                                                        | 1.15                                   |                                                      | 4                     |
| 31                                              | 1210                                             | 45.16                 | 17400                                                        | 1.30                                   |                                                      | 4                     |
| 35                                              | 1080                                             | 40.04                 | 18000                                                        | 1.45                                   |                                                      | 4                     |
| 37                                              | 1030                                             | 38.39                 | 18200                                                        | 1.45                                   |                                                      | 4                     |
| 40                                              | 950                                              | 35.20                 | 18500                                                        | 1.65                                   |                                                      | 4                     |
| 46                                              | 830                                              | 30.89                 | 18900                                                        | 1.85                                   | K 77                                                 | 4                     |
| 49                                              | 785                                              | 29.27                 | 19000                                                        | 1.95                                   | KF 77                                                | 4                     |
| 55                                              | 690                                              | 25.62                 | 19300                                                        | 2.2                                    | KA 77                                                | 4                     |
| 62                                              | 620                                              | 23.08                 | 19500                                                        | 2.5                                    | KAF 77                                               | 4                     |
| 70                                              | 545                                              | 20.25                 | 19600                                                        | 2.8                                    |                                                      | 4                     |
| 47                                              | 810                                              | 30.22                 | 10400                                                        | 1.00                                   | K 67                                                 | 4                     |
| 52                                              | 735                                              | 27.28                 | 11000                                                        | 1.10                                   | KF 67                                                | 4                     |
| 59                                              | 645                                              | 24.00                 | 11600                                                        | 1.25                                   | KA 67                                                | 4                     |
| 63                                              | 610                                              | 22.66                 | 11800                                                        | 1.30                                   | KAF 67                                               | 4                     |
| 74                                              | 520                                              | 19.30                 | 12300                                                        | 1.45                                   | K 67<br>KF 67<br>KA 67<br>KAF 67                     | 4                     |
| 81                                              | 470                                              | 17.54                 | 12500                                                        | 1.55                                   |                                                      | 4                     |
| 94                                              | 410                                              | 15.19                 | 12800                                                        | 1.70                                   |                                                      | 4                     |
| 107                                             | 355                                              | 13.22                 | 13000                                                        | 1.90                                   |                                                      | 4                     |
| 114                                             | 335                                              | 12.48                 | 13000                                                        | 1.60                                   |                                                      | 4                     |
| 134                                             | 285                                              | 10.63                 | 13000                                                        | 1.75                                   |                                                      | 4                     |
| 147                                             | 260                                              | 9.66                  | 12900                                                        | 1.85                                   |                                                      | 4                     |
| 170                                             | 225                                              | 8.37                  | 12500                                                        | 1.95                                   |                                                      | 4                     |
| 195                                             | 196                                              | 7.28                  | 12100                                                        | 2.1                                    |                                                      | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Re}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>4.0kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 59                                              | 645                                              | 24.05                 | 6120                                                         | 0.95                                   |              |                       |
| 63                                              | 610                                              | 22.71                 | 6160                                                         | 1.00                                   |              |                       |
| 73                                              | 520                                              | 19.34                 | 6220                                                         | 1.10                                   |              |                       |
| 81                                              | 475                                              | 17.57                 | 6230                                                         | 1.15                                   |              |                       |
| 93                                              | 410                                              | 15.22                 | 6210                                                         | 1.30                                   |              |                       |
| 107                                             | 355                                              | 13.25                 | 6150                                                         | 1.45                                   | K 57         | 4                     |
| 119                                             | 320                                              | 11.92                 | 5810                                                         | 1.30                                   | KF 57        | 4                     |
| 126                                             | 305                                              | 11.26                 | 5790                                                         | 1.35                                   | KA 57        | 4                     |
| 148                                             | 260                                              | 9.59                  | 5700                                                         | 1.55                                   | KAF 57       | 4                     |
| 163                                             | 235                                              | 8.71                  | 5640                                                         | 1.65                                   |              |                       |
| 188                                             | 205                                              | 7.55                  | 5530                                                         | 1.80                                   |              |                       |
| 216                                             | 177                                              | 6.57                  | 5400                                                         | 1.95                                   |              |                       |
| <b>5.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 0.79                                            | 61100                                            | 1821                  | 170200                                                       | 0.80                                   |              |                       |
| 0.89                                            | 53900                                            | 1605                  | 183200                                                       | 0.95                                   |              |                       |
| 1.0                                             | 46700                                            | 1395                  | 190000                                                       | 1.05                                   |              |                       |
| 1.2                                             | 40100                                            | 1196                  | 190000                                                       | 1.25                                   | K 187 R97    | 4                     |
| 1.4                                             | 35100                                            | 1046                  | 190000                                                       | 1.45                                   | KH 187 R97   | 4                     |
| 1.5                                             | 31700                                            | 945                   | 190000                                                       | 1.60                                   |              |                       |
| 1.9                                             | 24800                                            | 738                   | 190000                                                       | 2.0                                    |              |                       |
| 2.3                                             | 20800                                            | 621                   | 190000                                                       | 2.4                                    |              |                       |
| 1.3                                             | 36900                                            | 1101                  | 150000                                                       | 0.85                                   |              |                       |
| 1.5                                             | 31700                                            | 944                   | 150000                                                       | 1.00                                   |              |                       |
| 1.7                                             | 28200                                            | 843                   | 150000                                                       | 1.15                                   |              |                       |
| 1.9                                             | 25400                                            | 757                   | 150000                                                       | 1.25                                   |              |                       |
| 2.3                                             | 21200                                            | 632                   | 150000                                                       | 1.50                                   | K 167 R97    | 4                     |
| 2.5                                             | 18700                                            | 561                   | 150000                                                       | 1.70                                   | KH 167 R97   | 4                     |
| 3.0                                             | 16100                                            | 481                   | 150000                                                       | 2.0                                    |              |                       |
| 3.4                                             | 14100                                            | 423                   | 150000                                                       | 2.3                                    |              |                       |
| 2.2                                             | 22100                                            | 661                   | 109900                                                       | 0.80                                   |              |                       |
| 2.5                                             | 19000                                            | 567                   | 111700                                                       | 0.95                                   | K 157 R97    | 4                     |
| 2.8                                             | 16900                                            | 504                   | 112700                                                       | 1.05                                   | KF 157 R97   | 4                     |
| 3.3                                             | 14500                                            | 434                   | 113800                                                       | 1.25                                   | KA 157 R97   | 4                     |
| 3.8                                             | 12700                                            | 379                   | 114500                                                       | 1.40                                   | KAF 157 R97  | 4                     |
| 4.3                                             | 11100                                            | 333                   | 115000                                                       | 1.60                                   |              |                       |
| 3.4                                             | 14100                                            | 418                   | 77800                                                        | 0.90                                   |              |                       |
| 3.9                                             | 12400                                            | 367                   | 79500                                                        | 1.05                                   |              |                       |
| 4.3                                             | 11100                                            | 330                   | 80200                                                        | 1.15                                   |              |                       |
| 5.0                                             | 9620                                             | 287                   | 80800                                                        | 1.35                                   | K 127R87     | 4                     |
| 5.6                                             | 8510                                             | 253                   | 81300                                                        | 1.55                                   | KF 127R87    | 4                     |
| 6.7                                             | 7150                                             | 213                   | 81700                                                        | 1.80                                   | KA 127R87    | 4                     |
| 7.1                                             | 6740                                             | 200                   | 81900                                                        | 1.80                                   | KAF 127R87   | 4                     |
| 8.6                                             | 5580                                             | 166                   | 82200                                                        | 2.2                                    |              |                       |
| 9.8                                             | 4920                                             | 147                   | 82300                                                        | 2.4                                    |              |                       |
| 6.4                                             | 7490                                             | 222                   | 65000                                                        | 1.05                                   | K 107 R77    | 4                     |
| 7.3                                             | 6640                                             | 196                   | 65000                                                        | 1.20                                   | KF 107 R77   | 4                     |
| 8.2                                             | 5870                                             | 174                   | 65000                                                        | 1.25                                   | KA 107 R77   | 4                     |
| 9.3                                             | 5200                                             | 154                   | 65000                                                        | 1.40                                   | KAF 107 R77  | 4                     |
| 10                                              | 4720                                             | 140                   | 65000                                                        | 1.55                                   |              |                       |
| 4.7                                             | 11100                                            | 150.41                | 115000                                                       | 1.60                                   | K 157        | 8                     |
| 5.8                                             | 9050                                             | 122.39                | 115500                                                       | 2.0                                    | KF 157       | 8                     |
| 7.1                                             | 7410                                             | 100.22                | 115900                                                       | 2.4                                    | KA 157       | 8                     |
| 7.8                                             | 6780                                             | 91.65                 | 116000                                                       | 2.7                                    | KAF 157      | 8                     |
| 5.2                                             | 10100                                            | 136.14                | 80700                                                        | 1.30                                   | K 127        | 8                     |
| 5.8                                             | 9060                                             | 122.48                | 81100                                                        | 1.45                                   | KF 127       | 8                     |
| 6.4                                             | 8150                                             | 110.18                | 81400                                                        | 1.60                                   | KA 127       | 8                     |
| 7.9                                             | 6650                                             | 89.89                 | 81900                                                        | 1.95                                   | KAF 127      | 8                     |
| 7.1                                             | 7450                                             | 136.14                | 81600                                                        | 1.75                                   | K 127        | 6                     |
| 7.8                                             | 6700                                             | 122.48                | 81900                                                        | 1.95                                   | KF 127       | 6                     |
| 8.7                                             | 6030                                             | 110.18                | 82100                                                        | 2.2                                    | KA 127       | 6                     |
| 11                                              | 4920                                             | 89.89                 | 82300                                                        | 2.6                                    | KAF 127      | 6                     |
| 8.5                                             | 6150                                             | 112.41                | 65000                                                        | 1.30                                   | K 107        | 6                     |
| 9.5                                             | 5510                                             | 100.75                | 65000                                                        | 1.45                                   | KF 107       | 6                     |
| 11                                              | 4980                                             | 90.96                 | 65000                                                        | 1.60                                   | KA 107       | 6                     |
| 12                                              | 4520                                             | 82.61                 | 65000                                                        | 1.75                                   | KAF 107      | 6                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Re}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>5.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 10                                              | 5270                                             | 143.47                | 65000                                                        | 1.50                                   |              |                       |
| 12                                              | 4460                                             | 121.46                | 65000                                                        | 1.80                                   | K 107        | 4                     |
| 13                                              | 4130                                             | 112.41                | 65000                                                        | 1.95                                   | KF 107       | 4                     |
| 14                                              | 3700                                             | 100.75                | 65000                                                        | 2.2                                    | KA 107       | 4                     |
| 16                                              | 3340                                             | 90.96                 | 65000                                                        | 2.4                                    | KAF 107      | 4                     |
| 17                                              | 3030                                             | 82.61                 | 65000                                                        | 2.6                                    |              |                       |
| 12                                              | 4550                                             | 123.93                | 40000                                                        | 0.95                                   | K 97         | 4                     |
| 14                                              | 3860                                             | 105.13                | 40000                                                        | 1.10                                   | KF 97        | 4                     |
| 15                                              | 3560                                             | 96.80                 | 40000                                                        | 1.20                                   | KA 97        | 4                     |
| 17                                              | 3180                                             | 86.52                 | 40000                                                        | 1.35                                   | KAF 97       | 4                     |
| 18                                              | 2860                                             | 77.89                 | 40000                                                        | 1.50                                   | K 97         | 4                     |
| 20                                              | 2590                                             | 70.54                 | 40000                                                        | 1.65                                   | KF 97        | 4                     |
| 23                                              | 2300                                             | 62.55                 | 40000                                                        | 1.85                                   | KA 97        | 4                     |
| 25                                              | 2080                                             | 56.55                 | 39700                                                        | 2.1                                    | KAF 97       | 4                     |
| 30                                              | 1760                                             | 47.93                 | 38600                                                        | 2.4                                    |              |                       |
| 17                                              | 3170                                             | 86.34                 | 26600                                                        | 0.85                                   | K 87         | 4                     |
| 18                                              | 2910                                             | 79.34                 | 27000                                                        | 0.95                                   | KF 87        | 4                     |
| 20                                              | 2590                                             | 70.46                 | 27400                                                        | 1.05                                   | KA 87        | 4                     |
| 23                                              | 2310                                             | 63.00                 | 27500                                                        | 1.15                                   | KAF 87       | 4                     |
| 25                                              | 2080                                             | 56.64                 | 27300                                                        | 1.30                                   |              |                       |
| 29                                              | 1810                                             | 49.16                 | 26900                                                        | 1.50                                   | K 87         | 4                     |
| 32                                              | 1620                                             | 44.02                 | 26500                                                        | 1.60                                   | KF 87        | 4                     |
| 39                                              | 1340                                             | 36.52                 | 25800                                                        | 1.85                                   | KA 87        | 4                     |
| 46                                              | 1150                                             | 31.39                 | 25200                                                        | 2.3                                    | KAF 87       | 4                     |
| 51                                              | 1020                                             | 27.88                 | 24700                                                        | 2.5                                    |              |                       |
| 32                                              | 1660                                             | 45.16                 | 14600                                                        | 0.95                                   | K 77         | 4                     |
| 36                                              | 1470                                             | 40.04                 | 15900                                                        | 1.05                                   | KF 77        | 4                     |
| 46                                              | 1130                                             | 30.89                 | 17800                                                        | 1.35                                   | KA 77        | 4                     |
| 49                                              | 1070                                             | 29.27                 | 18000                                                        | 1.45                                   | KAF 77       | 4                     |
| 56                                              | 940                                              | 25.62                 | 18500                                                        | 1.65                                   |              |                       |
| 62                                              | 850                                              | 23.08                 | 18800                                                        | 1.85                                   |              |                       |
| 71                                              | 745                                              | 20.25                 | 19100                                                        | 2.0                                    | K 77         | 4                     |
| 80                                              | 655                                              | 17.87                 | 19400                                                        | 2.2                                    | KF 77        | 4                     |
| 90                                              | 580                                              | 15.84                 | 19200                                                        | 2.4                                    | KA 77        | 4                     |
| 106                                             | 495                                              | 13.52                 | 18600                                                        | 2.7                                    | KAF 77       | 4                     |
| 116                                             | 455                                              | 12.36                 | 17900                                                        | 2.2                                    |              |                       |
| 132                                             | 400                                              | 10.86                 | 17400                                                        | 2.5                                    |              |                       |
| 60                                              | 880                                              | 24.00                 | 9720                                                         | 0.90                                   |              |                       |
| 63                                              | 830                                              | 22.66                 | 10200                                                        | 0.95                                   | K 67         | 4                     |
| 74                                              | 710                                              | 19.30                 | 11200                                                        | 1.05                                   | KF 67        | 4                     |
| 82                                              | 645                                              | 17.54                 | 11600                                                        | 1.15                                   | KA 67        | 4                     |
| 94                                              | 560                                              | 15.19                 | 12100                                                        | 1.25                                   | KAF 67       | 4                     |
| 108                                             | 485                                              | 13.22                 | 12500                                                        | 1.40                                   |              |                       |
| 115                                             | 460                                              | 12.48                 | 12600                                                        | 1.15                                   | K 67         | 4                     |
| 135                                             | 390                                              | 10.63                 | 12400                                                        | 1.30                                   | KF 67        | 4                     |
| 148                                             | 355                                              | 9.66                  | 12200                                                        | 1.35                                   | KA 67        | 4                     |
| 171                                             | 305                                              | 8.37                  | 11900                                                        | 1.45                                   | KAF 67       | 4                     |
| 196                                             | 265                                              | 7.28                  | 11600                                                        | 1.55                                   |              |                       |
| 81                                              | 645                                              | 17.57                 | 5080                                                         | 0.85                                   |              |                       |
| 94                                              | 560                                              | 15.22                 | 5210                                                         | 0.95                                   |              |                       |
| 108                                             | 485                                              | 13.25                 | 5280                                                         | 1.05                                   | K 57         | 4                     |
| 120                                             | 440                                              | 11.92                 | 4920                                                         | 0.95                                   | KF 57        | 4                     |
| 127                                             | 415                                              | 11.26                 | 4950                                                         | 1.00                                   | KA 57        | 4                     |
| 149                                             | 350                                              | 9.59                  | 4990                                                         | 1.15                                   | KAF 57       | 4                     |
| 164                                             | 320                                              | 8.71                  | 4990                                                         | 1.20                                   |              |                       |
| 190                                             | 275                                              | 7.55                  | 4960                                                         | 1.30                                   |              |                       |
| 218                                             | 240                                              | 6.57                  | 4910                                                         | 1.45                                   |              |                       |
| <b>7.5kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 1.7                                             | 38200                                            | 835                   | 190000                                                       | 1.30                                   |              |                       |
| 2.0                                             | 33300                                            | 729                   | 190000                                                       | 1.50                                   | K 187R107    | 4                     |
| 2.3                                             | 28400                                            | 622                   | 190000                                                       | 1.75                                   | KH187R107    | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                                     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----------------------|
| <b>7.5kW</b>                                    |                                                |                         |                                                              |                                        |                                                  |                       |
| 1.2                                             | 55000                                          | 1196                    | 181400                                                       | 0.90                                   | K 187R97<br>KH 187R97                            | 4                     |
| 1.4                                             | 48000                                          | 1046                    | 190000                                                       | 1.05                                   |                                                  | 4                     |
| 1.5                                             | 43400                                          | 945                     | 190000                                                       | 1.15                                   |                                                  | 4                     |
| 1.9                                             | 33900                                          | 738                     | 190000                                                       | 1.45                                   |                                                  | 4                     |
| 2.3                                             | 28500                                          | 621                     | 190000                                                       | 1.75                                   |                                                  | 4                     |
| 2.7                                             | 24100                                          | 527                     | 190000                                                       | 2.1                                    |                                                  | 4                     |
| 1.7                                             | 38700                                          | 843                     | 150000                                                       | 0.85                                   | K 167R97<br>KH 167R97                            | 4                     |
| 1.9                                             | 34700                                          | 757                     | 150000                                                       | 0.90                                   |                                                  | 4                     |
| 2.3                                             | 29000                                          | 632                     | 150000                                                       | 1.10                                   |                                                  | 4                     |
| 2.5                                             | 25700                                          | 561                     | 150000                                                       | 1.25                                   |                                                  | 4                     |
| 3.0                                             | 22100                                          | 481                     | 150000                                                       | 1.45                                   |                                                  | 4                     |
| 3.4                                             | 19400                                          | 423                     | 150000                                                       | 1.65                                   |                                                  | 4                     |
| 3.9                                             | 16900                                          | 369                     | 150000                                                       | 1.90                                   |                                                  | 4                     |
| 3.3                                             | 19900                                          | 434                     | 111200                                                       | 0.90                                   | K 157R97                                         | 4                     |
| 3.8                                             | 17400                                          | 379                     | 112500                                                       | 1.05                                   | KF 157R97                                        | 4                     |
| 4.3                                             | 15300                                          | 333                     | 113500                                                       | 1.20                                   | KA 157R97                                        | 4                     |
| 4.9                                             | 13300                                          | 291                     | 114200                                                       | 1.35                                   | KAF 157R97                                       | 4                     |
| 4.3                                             | 15200                                          | 330                     | 75500                                                        | 0.85                                   | K 127R87<br>KF 127R87<br>KA 127R87<br>KAF 127R87 | 4                     |
| 5.0                                             | 13200                                          | 287                     | 79100                                                        | 1.00                                   |                                                  | 4                     |
| 5.6                                             | 11600                                          | 253                     | 79900                                                        | 1.10                                   |                                                  | 4                     |
| 6.7                                             | 9790                                           | 213                     | 80800                                                        | 1.35                                   |                                                  | 4                     |
| 7.1                                             | 9220                                           | 200                     | 81000                                                        | 1.30                                   |                                                  | 4                     |
| 8.6                                             | 7640                                           | 166                     | 81600                                                        | 1.55                                   |                                                  | 4                     |
| 9.8                                             | 6740                                           | 147                     | 81900                                                        | 1.80                                   |                                                  | 4                     |
| 4.4                                             | 16400                                          | 164.50                  | 150000                                                       | 1.95                                   | K 167                                            | 8                     |
| 5.3                                             | 13400                                          | 134.99                  | 150000                                                       | 2.4                                    | KH 167                                           | 8                     |
| 5.8                                             | 12300                                          | 164.50                  | 150000                                                       | 2.6                                    | K 167                                            | 6                     |
| 7.1                                             | 10100                                          | 134.99                  | 150000                                                       | 3.2                                    | KH 167                                           | 6                     |
| 6.4                                             | 11200                                          | 150.41                  | 114900                                                       | 1.60                                   | K 157                                            | 6                     |
| 7.8                                             | 9130                                           | 122.39                  | 115500                                                       | 1.95                                   | KF 157                                           | 6                     |
| 9.6                                             | 7480                                           | 100.22                  | 115900                                                       | 2.4                                    | KA 157                                           | 6                     |
| 10                                              | 6840                                           | 91.65                   | 116000                                                       | 2.6                                    | KAF 157                                          | 6                     |
| 12                                              | 5950                                           | 79.75                   | 116200                                                       | 3.0                                    | K 127<br>KF 127<br>KA 127<br>KAF 127             | 6                     |
| 7.1                                             | 10200                                          | 136.14                  | 80600                                                        | 1.30                                   |                                                  | 6                     |
| 7.8                                             | 9140                                           | 122.48                  | 81000                                                        | 1.40                                   |                                                  | 6                     |
| 8.7                                             | 8220                                           | 110.18                  | 81400                                                        | 1.60                                   |                                                  | 6                     |
| 11                                              | 6710                                           | 89.89                   | 81900                                                        | 1.95                                   |                                                  | 6                     |
| 9.8                                             | 7320                                           | 146.07                  | 81700                                                        | 1.80                                   |                                                  | 4                     |
| 11                                              | 6820                                           | 136.14                  | 81800                                                        | 1.90                                   | K 127<br>KF 127<br>KA 127<br>KAF 127             | 4                     |
| 12                                              | 6130                                           | 122.48                  | 82000                                                        | 2.1                                    |                                                  | 4                     |
| 13                                              | 5520                                           | 110.18                  | 82200                                                        | 2.4                                    |                                                  | 4                     |
| 16                                              | 4500                                           | 89.89                   | 82400                                                        | 2.9                                    |                                                  | 4                     |
| 17                                              | 4110                                           | 81.98                   | 82500                                                        | 3.2                                    |                                                  | 4                     |
| 20                                              | 3550                                           | 70.95                   | 82600                                                        | 3.7                                    |                                                  | 4                     |
| 10                                              | 7190                                           | 143.47                  | 65000                                                        | 1.10                                   | K 107                                            | 4                     |
| 12                                              | 6080                                           | 121.46                  | 65000                                                        | 1.30                                   | KF 107                                           | 4                     |
| 13                                              | 5630                                           | 112.41                  | 65000                                                        | 1.40                                   | KA 107                                           | 4                     |
| 14                                              | 5050                                           | 100.75                  | 65000                                                        | 1.60                                   | K 107<br>KF 107<br>KA 107<br>KAF 107             | 4                     |
| 16                                              | 4560                                           | 90.96                   | 64200                                                        | 1.75                                   |                                                  | 4                     |
| 17                                              | 4140                                           | 82.61                   | 63200                                                        | 1.95                                   |                                                  | 4                     |
| 20                                              | 3670                                           | 73.30                   | 61900                                                        | 2.2                                    |                                                  | 4                     |
| 22                                              | 3330                                           | 66.52                   | 60900                                                        | 2.4                                    |                                                  | 4                     |
| 25                                              | 2860                                           | 57.17                   | 59100                                                        | 2.8                                    |                                                  | 4                     |
| 29                                              | 2500                                           | 49.90                   | 57500                                                        | 3.1                                    | K 97<br>KF 97<br>KA 97<br>KAF 97                 | 4                     |
| 34                                              | 2120                                           | 42.33                   | 55500                                                        | 3.5                                    |                                                  | 4                     |
| 39                                              | 1850                                           | 37.00                   | 53800                                                        | 3.9                                    |                                                  | 4                     |
| 15                                              | 4850                                           | 96.80                   | 38300                                                        | 0.90                                   |                                                  | 4                     |
| 17                                              | 4330                                           | 86.52                   | 38300                                                        | 1.00                                   |                                                  | 4                     |
| 18                                              | 3900                                           | 77.89                   | 38100                                                        | 1.10                                   |                                                  | 4                     |
| 20                                              | 3530                                           | 70.54                   | 37900                                                        | 1.20                                   | KAF 97                                           | 4                     |
| 23                                              | 3130                                           | 62.55                   | 37500                                                        | 1.35                                   |                                                  | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| 7.5kW                                           |                                                  |                         |                                                              |                                        |              |                       |
| 25                                              | 2830                                             | 56.55                   | 37100                                                        | 1.50                                   | K 97         | 4                     |
| 30                                              | 2400                                             | 47.93                   | 36400                                                        | 1.80                                   | KF 97        | 4                     |
| 34                                              | 2100                                             | 41.87                   | 35600                                                        | 2.0                                    | KA 97        | 4                     |
| 37                                              | 1920                                             | 38.30                   | 35100                                                        | 2.2                                    | KAF97        | 4                     |
| 42                                              | 1710                                             | 34.23                   | 34400                                                        | 2.5                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 23                                              | 3160                                             | 63.00                   | 24100                                                        | 0.85                                   | K 87         | 4                     |
| 25                                              | 2840                                             | 56.64                   | 24200                                                        | 0.95                                   | KF 87        | 4                     |
| 29                                              | 2460                                             | 49.16                   | 24200                                                        | 1.10                                   | KA 87        | 4                     |
| 32                                              | 2200                                             | 44.02                   | 24200                                                        | 1.20                                   | KAF87        | 4                     |
| 39                                              | 1830                                             | 36.52                   | 23900                                                        | 1.35                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 46                                              | 1570                                             | 31.39                   | 23500                                                        | 1.70                                   |              |                       |
| 51                                              | 1400                                             | 27.88                   | 23200                                                        | 1.85                                   |              |                       |
| 57                                              | 1250                                             | 24.92                   | 22800                                                        | 2.0                                    | K 87         | 4                     |
| 64                                              | 1120                                             | 22.41                   | 22500                                                        | 2.0                                    | KF 87        | 4                     |
| 74                                              | 970                                              | 19.45                   | 21900                                                        | 2.4                                    | KA 87        | 4                     |
| 82                                              | 870                                              | 17.42                   | 21500                                                        | 2.5                                    | KAF87        | 4                     |
| 89                                              | 800                                              | 16.00                   | 20600                                                        | 2.2                                    |              |                       |
| 99                                              | 725                                              | 14.45                   | 20700                                                        | 2.9                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 46                                              | 1550                                             | 30.89                   | 15400                                                        | 1.00                                   | K 77         | 4                     |
| 49                                              | 1470                                             | 29.27                   | 16000                                                        | 1.05                                   | KF 77        | 4                     |
| 56                                              | 1280                                             | 25.62                   | 17000                                                        | 1.20                                   | KA 77        | 4                     |
| 62                                              | 1160                                             | 23.08                   | 17700                                                        | 1.35                                   | KAF77        | 4                     |
| 71                                              | 1010                                             | 20.25                   | 18300                                                        | 1.50                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 80                                              | 890                                              | 17.87                   | 18600                                                        | 1.60                                   |              |                       |
| 90                                              | 795                                              | 15.84                   | 18200                                                        | 1.75                                   |              |                       |
| 106                                             | 675                                              | 13.52                   | 17800                                                        | 2.0                                    | K 77         | 4                     |
| 116                                             | 620                                              | 12.36                   | 17000                                                        | 1.60                                   | KF 77        | 4                     |
| 132                                             | 545                                              | 10.84                   | 16700                                                        | 1.80                                   | KA 77        | 4                     |
| 150                                             | 480                                              | 9.56                    | 16300                                                        | 1.95                                   | KAF77        | 4                     |
| 169                                             | 425                                              | 8.48                    | 15900                                                        | 2.1                                    |              |                       |
| 198                                             | 365                                              | 7.24                    | 15400                                                        | 2.3                                    |              |                       |
| 9.2kW                                           |                                                  |                         |                                                              |                                        |              |                       |
| 1.7                                             | 46700                                            | 835                     | 190000                                                       | 1.05                                   |              |                       |
| 2.0                                             | 40700                                            | 729                     | 190000                                                       | 1.25                                   |              |                       |
| 2.3                                             | 34700                                            | 622                     | 190000                                                       | 1.45                                   | K 187R107    | 4                     |
| 2.8                                             | 29100                                            | 520                     | 190000                                                       | 1.70                                   | KH 187R107   | 4                     |
| 3.2                                             | 25300                                            | 454                     | 190000                                                       | 1.95                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 1.4                                             | 58600                                            | 1046                    | 174800                                                       | 0.85                                   |              |                       |
| 1.5                                             | 53000                                            | 945                     | 184900                                                       | 0.95                                   |              |                       |
| 2.0                                             | 41400                                            | 738                     | 190000                                                       | 1.20                                   | K 187R97     | 4                     |
| 2.3                                             | 34800                                            | 621                     | 190000                                                       | 1.45                                   | KH 187R97    | 4                     |
| 2.7                                             | 29500                                            | 527                     | 190000                                                       | 1.70                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 4.5                                             | 17800                                            | 318                     | 150000                                                       | 1.80                                   |              |                       |
| 5.2                                             | 15500                                            | 278                     | 150000                                                       | 2.1                                    |              |                       |
| 5.9                                             | 13600                                            | 244                     | 150000                                                       | 2.3                                    | K 167R107    | 4                     |
| 6.8                                             | 11900                                            | 213                     | 150000                                                       | 2.7                                    | KH 167R107   | 4                     |
| 7.0                                             | 11500                                            | 206                     | 150000                                                       | 2.8                                    |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 2.3                                             | 35400                                            | 632                     | 150000                                                       | 0.90                                   |              |                       |
| 2.6                                             | 31300                                            | 561                     | 150000                                                       | 1.00                                   |              |                       |
| 3.0                                             | 27000                                            | 481                     | 150000                                                       | 1.20                                   | K 167R97     | 4                     |
| 3.4                                             | 23700                                            | 423                     | 150000                                                       | 1.35                                   | KH 167R97    | 4                     |
| 3.9                                             | 20600                                            | 369                     | 150000                                                       | 1.55                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 3.7                                             | 21400                                            | 385                     | 110300                                                       | 0.85                                   | K 157R107    | 4                     |
| 4.4                                             | 18100                                            | 325                     | 112100                                                       | 1.00                                   | KF 157R107   | 4                     |
| 4.8                                             | 16700                                            | 299                     | 112800                                                       | 1.10                                   | KA 157R107   | 4                     |
| 5.7                                             | 14100                                            | 253                     | 113900                                                       | 1.25                                   | KAF157R107   | 4                     |
| 6.2                                             | 12800                                            | 230                     | 114400                                                       | 1.40                                   |              |                       |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 3.8                                             | 21200                                            | 379                     | 110400                                                       | 0.85                                   | K 157R97     | 4                     |
| 4.3                                             | 18600                                            | 333                     | 111900                                                       | 0.95                                   | KF 157R97    | 4                     |
| 4.9                                             | 16300                                            | 291                     | 113000                                                       | 1.10                                   | KA 157R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF157R97    | 4                     |
|                                                 |                                                  |                         |                                                              |                                        |              |                       |
| 5.7                                             | 14200                                            | 253                     | 77500                                                        | 0.90                                   |              |                       |
| 6.8                                             | 11900                                            | 213                     | 79800                                                        | 1.10                                   | K 127R87     | 4                     |
| 7.2                                             | 11200                                            | 200                     | 80100                                                        | 1.05                                   | KF 127R87    | 4                     |
| 8.7                                             | 9320                                             | 166                     | 81000                                                        | 1.30                                   | KA 127R87    | 4                     |
| 9.8                                             | 8230                                             | 147                     | 81400                                                        | 1.45                                   | KAF127R87    | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>9.2kW</b>                                    |                                                  |                         |                                                              |                                        |              |                       |
| 11                                              | 8310                                             | 136.14                  | 81300                                                        | 1.55                                   | K 127        | 4                     |
| 12                                              | 7470                                             | 122.48                  | 81600                                                        | 1.75                                   | KF 127       | 4                     |
| 13                                              | 6720                                             | 110.18                  | 8190                                                         | 1.95                                   | KA 127       | 4                     |
| 16                                              | 5480                                             | 89.89                   | 82200                                                        | 2.4                                    | KAF 127      | 4                     |
| 18                                              | 5000                                             | 81.98                   | 82300                                                        | 2.6                                    |              |                       |
| 13                                              | 6860                                             | 112.41                  | 62400                                                        | 1.15                                   | K 107        | 4                     |
| 14                                              | 6150                                             | 100.75                  | 61800                                                        | 1.30                                   | KF 107       | 4                     |
| 16                                              | 5550                                             | 90.96                   | 61100                                                        | 1.45                                   | KA 107       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 107      | 4                     |
| 17                                              | 5040                                             | 82.61                   | 60400                                                        | 1.60                                   | K 107        | 4                     |
| 20                                              | 4470                                             | 73.30                   | 59400                                                        | 1.80                                   | KF 107       | 4                     |
| 22                                              | 4060                                             | 66.52                   | 58600                                                        | 1.95                                   | KA 107       | 4                     |
| 25                                              | 3490                                             | 57.17                   | 57100                                                        | 2.3                                    | KAF 107      | 4                     |
| 29                                              | 3040                                             | 49.90                   | 55700                                                        | 2.6                                    |              |                       |
| 34                                              | 2580                                             | 42.33                   | 54000                                                        | 2.8                                    |              |                       |
| 18                                              | 4750                                             | 77.89                   | 35100                                                        | 0.90                                   | K 97         | 4                     |
| 20                                              | 4300                                             | 70.54                   | 35100                                                        | 1.00                                   | KF 97        | 4                     |
| 23                                              | 3820                                             | 62.55                   | 35100                                                        | 1.15                                   | KA 97        | 4                     |
| 25                                              | 3450                                             | 56.55                   | 34900                                                        | 1.25                                   | KAF 97       | 4                     |
| 30                                              | 2920                                             | 47.93                   | 34400                                                        | 1.45                                   | K 97         | 4                     |
| 34                                              | 2550                                             | 41.87                   | 34000                                                        | 1.70                                   | KF 97        | 4                     |
| 38                                              | 2340                                             | 38.30                   | 33600                                                        | 1.85                                   | KA 97        | 4                     |
| 42                                              | 2090                                             | 34.23                   | 33100                                                        | 2.1                                    | KAF 97       | 4                     |
| 47                                              | 1880                                             | 30.82                   | 32500                                                        | 2.3                                    |              |                       |
| 52                                              | 1700                                             | 27.91                   | 32000                                                        | 2.5                                    |              |                       |
| 58                                              | 1510                                             | 24.75                   | 31300                                                        | 2.8                                    |              |                       |
| 29                                              | 3000                                             | 49.16                   | 22000                                                        | 0.90                                   | K 87         | 4                     |
| 33                                              | 2690                                             | 44.02                   | 22200                                                        | 0.95                                   | KF 87        | 4                     |
| 39                                              | 2230                                             | 36.52                   | 22200                                                        | 1.10                                   | KA 87        | 4                     |
| 46                                              | 1910                                             | 31.39                   | 22100                                                        | 1.40                                   | KAF 87       | 4                     |
| 52                                              | 1700                                             | 27.88                   | 21900                                                        | 1.55                                   |              |                       |
| 58                                              | 1520                                             | 24.92                   | 21700                                                        | 1.65                                   |              |                       |
| 64                                              | 1370                                             | 22.41                   | 21400                                                        | 1.70                                   |              |                       |
| 74                                              | 1190                                             | 19.45                   | 21000                                                        | 1.95                                   | K 87         | 4                     |
| 83                                              | 1060                                             | 17.42                   | 20700                                                        | 2.1                                    | KF 87        | 4                     |
| 90                                              | 980                                              | 16.00                   | 19700                                                        | 1.85                                   | KA 87        | 4                     |
| 100                                             | 880                                              | 14.45                   | 20000                                                        | 2.4                                    | KAF 87       | 4                     |
| 115                                             | 765                                              | 12.56                   | 19500                                                        | 2.6                                    |              |                       |
| 129                                             | 680                                              | 11.17                   | 18600                                                        | 2.2                                    |              |                       |
| 144                                             | 610                                              | 10.00                   | 18200                                                        | 2.5                                    |              |                       |
| 62                                              | 1410                                             | 23.08                   | 16300                                                        | 1.10                                   | K 77         | 4                     |
| 71                                              | 1240                                             | 20.25                   | 17300                                                        | 1.20                                   | KF 77        | 4                     |
| 81                                              | 1090                                             | 17.87                   | 17600                                                        | 1.35                                   | KA 77        | 4                     |
| 91                                              | 970                                              | 15.84                   | 17400                                                        | 1.45                                   | KAF 77       | 4                     |
| 107                                             | 820                                              | 13.52                   | 17000                                                        | 1.60                                   | K 77         | 4                     |
| 117                                             | 755                                              | 12.36                   | 16300                                                        | 1.35                                   | KF 77        | 4                     |
| 133                                             | 660                                              | 10.84                   | 16000                                                        | 1.50                                   | KA 77        | 4                     |
| 151                                             | 585                                              | 9.56                    | 15700                                                        | 1.60                                   | KAF 77       | 4                     |
| 170                                             | 515                                              | 8.48                    | 15400                                                        | 1.70                                   |              |                       |
| 199                                             | 440                                              | 7.24                    | 14900                                                        | 1.85                                   |              |                       |
| <b>11.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 1.7                                             | 55900                                            | 835                     | 179700                                                       | 0.90                                   | K 187R107    | 4                     |
| 2.0                                             | 48800                                            | 729                     | 190000                                                       | 1.05                                   | KH 187R107   | 4                     |
| 2.3                                             | 41600                                            | 622                     | 190000                                                       | 1.20                                   |              |                       |
| 2.8                                             | 34800                                            | 520                     | 190000                                                       | 1.45                                   |              |                       |
| 3.2                                             | 30400                                            | 454                     | 190000                                                       | 1.65                                   |              |                       |
| 4.1                                             | 23800                                            | 355                     | 190000                                                       | 2.1                                    |              |                       |
| 2.0                                             | 49600                                            | 738                     | 190000                                                       | 1.00                                   | K 187R97     | 4                     |
| 2.3                                             | 41700                                            | 621                     | 190000                                                       | 1.20                                   | KH 187R97    | 4                     |
| 2.7                                             | 35300                                            | 527                     | 190000                                                       | 1.40                                   |              |                       |
| 4.5                                             | 21300                                            | 318                     | 150000                                                       | 1.50                                   | K 167R107    | 4                     |
| 5.2                                             | 18600                                            | 278                     | 150000                                                       | 1.70                                   | KH 167R107   | 4                     |
| 5.9                                             | 16300                                            | 244                     | 150000                                                       | 1.95                                   |              |                       |
| 6.8                                             | 14200                                            | 213                     | 150000                                                       | 2.2                                    |              |                       |
| 7.0                                             | 13700                                            | 206                     | 150000                                                       | 2.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>11.0kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 2.6                                             | 37500                                            | 561                     | 150000                                                       | 0.85                                   |              |                       |
| 3.0                                             | 32300                                            | 481                     | 150000                                                       | 1.00                                   |              |                       |
| 3.4                                             | 28300                                            | 423                     | 150000                                                       | 1.15                                   | K 167 R97    | 4                     |
| 3.9                                             | 24700                                            | 369                     | 150000                                                       | 1.30                                   | KH 167 R97   | 4                     |
| 4.3                                             | 22300                                            | 333                     | 109700                                                       | 0.80                                   | K 157 R97    | 4                     |
| 4.9                                             | 19500                                            | 291                     | 111400                                                       | 0.90                                   | KF 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KA 157 R97   | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF 157 R97  | 4                     |
| 6.8                                             | 14300                                            | 213                     | 77400                                                        | 0.90                                   | K 127 R87    | 4                     |
| 7.2                                             | 13500                                            | 200                     | 78900                                                        | 0.90                                   | KF 127 R87   | 4                     |
| 8.7                                             | 11200                                            | 166                     | 80100                                                        | 1.10                                   | KA 127 R87   | 4                     |
| 9.8                                             | 9850                                             | 147                     | 80700                                                        | 1.20                                   | KAF 127 R87  | 4                     |
| 5.3                                             | 19700                                            | 134.99                  | 150000                                                       | 1.60                                   | KH 167       | 8                     |
| 6.6                                             | 16000                                            | 109.83                  | 150000                                                       | 2.0                                    |              |                       |
| 5.8                                             | 18000                                            | 164.50                  | 150000                                                       | 1.80                                   | K 167        | 6                     |
| 7.1                                             | 14800                                            | 134.99                  | 150000                                                       | 2.2                                    | KH 167       | 6                     |
| 8.8                                             | 12000                                            | 164.50                  | 150000                                                       | 2.7                                    | K 167        |                       |
| 11                                              | 9850                                             | 134.99                  | 150000                                                       | 3.2                                    | KH 167       |                       |
| 5.9                                             | 17900                                            | 122.39                  | 112300                                                       | 1.00                                   | K 157        | 8                     |
| 7.2                                             | 14600                                            | 100.22                  | 113700                                                       | 1.25                                   | KF 157       | 8                     |
| 7.9                                             | 13400                                            | 91.65                   | 114200                                                       | 1.35                                   | KA 157       | 8                     |
| 9.0                                             | 11600                                            | 79.75                   | 114800                                                       | 1.55                                   | KAF 157      | 8                     |
| 6.4                                             | 16500                                            | 150.41                  | 112900                                                       | 1.10                                   | K 157        | 6                     |
| 7.8                                             | 13400                                            | 122.39                  | 114200                                                       | 1.35                                   | KF 157       | 6                     |
| 9.6                                             | 11000                                            | 100.22                  | 115000                                                       | 1.65                                   | KA 157       | 6                     |
| 10                                              | 10000                                            | 91.65                   | 115300                                                       | 1.80                                   | KAF 157      | 6                     |
| 12                                              | 8730                                             | 79.75                   | 115600                                                       | 2.1                                    |              |                       |
| 9.6                                             | 11000                                            | 150.41                  | 115000                                                       | 1.65                                   | K 157        | 4                     |
| 12                                              | 8930                                             | 122.39                  | 115600                                                       | 2.0                                    | KF 157       | 4                     |
| 14                                              | 7310                                             | 100.22                  | 115900                                                       | 2.5                                    | KA 157       | 4                     |
| 16                                              | 6690                                             | 91.65                   | 116000                                                       | 2.7                                    | KAF 157      | 4                     |
| 11                                              | 9930                                             | 136.14                  | 80700                                                        | 1.30                                   |              |                       |
| 12                                              | 8930                                             | 122.48                  | 81100                                                        | 1.45                                   | K 127        | 4                     |
| 13                                              | 8040                                             | 110.18                  | 81400                                                        | 1.60                                   | KF 127       | 4                     |
| 16                                              | 6560                                             | 89.89                   | 81900                                                        | 2.0                                    | KA 127       | 4                     |
| 18                                              | 5980                                             | 81.98                   | 82100                                                        | 2.2                                    | KAF 127      | 4                     |
| 20                                              | 5180                                             | 70.95                   | 82300                                                        | 2.5                                    |              |                       |
| 13                                              | 8200                                             | 112.41                  | 58400                                                        | 1.00                                   | K 107        | 4                     |
| 14                                              | 7350                                             | 100.75                  | 58300                                                        | 1.10                                   | KF 107       | 4                     |
| 16                                              | 6630                                             | 90.96                   | 58000                                                        | 1.20                                   | KA 107       | 4                     |
| 17                                              | 6030                                             | 82.61                   | 57500                                                        | 1.35                                   | KAF 107      | 4                     |
| 20                                              | 5350                                             | 73.30                   | 56900                                                        | 1.50                                   |              |                       |
| 22                                              | 4850                                             | 66.52                   | 56200                                                        | 1.65                                   | K 107        | 4                     |
| 25                                              | 4170                                             | 57.17                   | 55100                                                        | 1.90                                   | KF 107       | 4                     |
| 29                                              | 3640                                             | 49.90                   | 54000                                                        | 2.2                                    | KA 107       | 4                     |
| 34                                              | 3090                                             | 42.33                   | 52500                                                        | 2.4                                    | KAF 107      | 4                     |
| 39                                              | 2700                                             | 37.00                   | 51200                                                        | 2.7                                    |              |                       |
| 20                                              | 5150                                             | 70.54                   | 32200                                                        | 0.85                                   | K 97         | 4                     |
| 23                                              | 4560                                             | 62.55                   | 32500                                                        | 0.95                                   | KF 97        | 4                     |
| 25                                              | 4130                                             | 56.55                   | 32500                                                        | 1.05                                   | KA 97        | 4                     |
| 30                                              | 3500                                             | 47.93                   | 32500                                                        | 1.25                                   | KAF 97       | 4                     |
| 34                                              | 3050                                             | 41.87                   | 32200                                                        | 1.40                                   |              |                       |
| 38                                              | 2790                                             | 38.30                   | 32000                                                        | 1.55                                   | K 97         | 4                     |
| 42                                              | 2500                                             | 34.23                   | 31600                                                        | 1.70                                   | KF 97        | 4                     |
| 47                                              | 2250                                             | 30.82                   | 31300                                                        | 1.90                                   | KA 97        | 4                     |
| 52                                              | 2040                                             | 27.91                   | 30800                                                        | 2.1                                    | KAF 97       | 4                     |
| 58                                              | 1800                                             | 24.75                   | 30300                                                        | 2.4                                    |              |                       |
| 64                                              | 1630                                             | 22.37                   | 29800                                                        | 2.6                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>11.0kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 33                                              | 3210                                             | 44.02                 | 20000                                                        | 0.80                                   | K 87         | 4                     |
| 39                                              | 2660                                             | 36.52                 | 20400                                                        | 0.95                                   | KF 87        | 4                     |
| 46                                              | 2290                                             | 31.39                 | 20600                                                        | 1.20                                   | KA 87        | 4                     |
| 52                                              | 2030                                             | 27.88                 | 20600                                                        | 1.30                                   | KAF 87       | 4                     |
| 58                                              | 1820                                             | 24.92                 | 20500                                                        | 1.40                                   |              |                       |
| 64                                              | 1630                                             | 22.41                 | 20300                                                        | 1.40                                   |              |                       |
| 74                                              | 1420                                             | 19.45                 | 20100                                                        | 1.60                                   |              |                       |
| 83                                              | 1270                                             | 17.42                 | 19800                                                        | 1.75                                   |              |                       |
| 90                                              | 1170                                             | 16.00                 | 18800                                                        | 1.55                                   | K 87         | 4                     |
| 100                                             | 1050                                             | 14.45                 | 19400                                                        | 2.0                                    | KF 87        | 4                     |
| 115                                             | 920                                              | 12.56                 | 18900                                                        | 2.2                                    | KA 87        | 4                     |
| 129                                             | 810                                              | 11.17                 | 18000                                                        | 1.85                                   | KAF 87       | 4                     |
| 144                                             | 730                                              | 10.00                 | 17700                                                        | 2.1                                    |              |                       |
| 174                                             | 605                                              | 8.29                  | 17100                                                        | 2.3                                    |              |                       |
| 200                                             | 525                                              | 7.21                  | 16700                                                        | 2.5                                    |              |                       |
| 62                                              | 1680                                             | 23.08                 | 14400                                                        | 0.90                                   |              |                       |
| 71                                              | 1480                                             | 20.25                 | 15900                                                        | 1.00                                   |              |                       |
| 81                                              | 1300                                             | 17.87                 | 16600                                                        | 1.10                                   |              |                       |
| 91                                              | 1160                                             | 15.84                 | 16500                                                        | 1.20                                   | K 77         | 4                     |
| 107                                             | 990                                              | 13.52                 | 16300                                                        | 1.35                                   | KF 77        | 4                     |
| 117                                             | 900                                              | 12.36                 | 15500                                                        | 1.10                                   | KA 77        | 4                     |
| 133                                             | 790                                              | 10.84                 | 15300                                                        | 1.25                                   | KAF 77       | 4                     |
| 151                                             | 700                                              | 9.56                  | 15100                                                        | 1.35                                   |              |                       |
| 170                                             | 620                                              | 8.48                  | 14800                                                        | 1.45                                   |              |                       |
| 199                                             | 530                                              | 7.24                  | 14500                                                        | 1.55                                   |              |                       |
| <b>15.0kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 2.3                                             | 56100                                            | 622                   | 179400                                                       | 0.90                                   |              |                       |
| 2.8                                             | 47000                                            | 520                   | 190000                                                       | 1.05                                   |              |                       |
| 3.2                                             | 41000                                            | 454                   | 190000                                                       | 1.20                                   | K 187 R107   | 4                     |
| 4.1                                             | 32100                                            | 355                   | 190000                                                       | 1.55                                   | KH 187 R107  | 4                     |
| 5.6                                             | 23600                                            | 261                   | 190000                                                       | 2.1                                    |              |                       |
| 4.6                                             | 28700                                            | 318                   | 150000                                                       | 1.10                                   |              |                       |
| 5.3                                             | 25000                                            | 278                   | 150000                                                       | 1.30                                   |              |                       |
| 6.0                                             | 22000                                            | 244                   | 150000                                                       | 1.45                                   |              |                       |
| 6.8                                             | 19200                                            | 213                   | 150000                                                       | 1.65                                   | K 167 R107   | 4                     |
| 7.1                                             | 18500                                            | 206                   | 150000                                                       | 1.75                                   | KH 167 R107  | 4                     |
| 8.1                                             | 16200                                            | 180                   | 150000                                                       | 1.95                                   |              |                       |
| 9.1                                             | 14400                                            | 160                   | 150000                                                       | 2.2                                    |              |                       |
| 6.3                                             | 20700                                            | 230                   | 110700                                                       | 0.85                                   |              |                       |
| 6.9                                             | 19200                                            | 213                   | 116000                                                       | 0.95                                   | K 157 R107   | 4                     |
| 7.8                                             | 16800                                            | 187                   | 112800                                                       | 1.05                                   | KF 157 R107  | 4                     |
| 9.3                                             | 14200                                            | 157                   | 113900                                                       | 1.25                                   | KA 157 R107  | 4                     |
| 12                                              | 11000                                            | 122                   | 115000                                                       | 1.65                                   | KAF 157 R107 | 4                     |
| 14                                              | 9630                                             | 107                   | 115400                                                       | 1.85                                   |              |                       |
| 5.4                                             | 26600                                            | 179.86                | 190000                                                       | 1.90                                   | K 187        | 6                     |
| 5.9                                             | 24400                                            | 165.21                | 190000                                                       | 2.0                                    | KH 187       | 6                     |
| 7.2                                             | 19900                                            | 134.99                | 150000                                                       | 1.60                                   | K 167        | 6                     |
| 8.8                                             | 16200                                            | 109.83                | 150000                                                       | 1.95                                   | KH 167       | 6                     |
| 8.9                                             | 16100                                            | 164.50                | 150000                                                       | 2.0                                    | K 167        |                       |
| 11                                              | 13200                                            | 134.99                | 150000                                                       | 2.4                                    | KH 167       |                       |
| 7.9                                             | 18100                                            | 122.39                | 112200                                                       | 1.00                                   | K 157        | 6                     |
| 9.7                                             | 14800                                            | 100.22                | 113700                                                       | 1.20                                   | KF 157       | 6                     |
| 11                                              | 13500                                            | 91.65                 | 114100                                                       | 1.35                                   | KA 157       | 6                     |
| 12                                              | 11800                                            | 79.75                 | 114800                                                       | 1.55                                   | KAF 157      | 6                     |
| 14                                              | 10400                                            | 70.38                 | 115200                                                       | 1.75                                   |              |                       |
| 9.7                                             | 14800                                            | 150.41                | 113700                                                       | 1.20                                   | K 157        | 4                     |
| 12                                              | 12000                                            | 122.39                | 114700                                                       | 1.50                                   | KF 157       | 4                     |
| 15                                              | 9830                                             | 100.22                | 114200                                                       | 1.85                                   | KA 157       | 4                     |
| 16                                              | 8990                                             | 91.65                 | 112500                                                       | 2.0                                    | KAF 157      | 4                     |
| 18                                              | 7820                                             | 79.75                 | 109600                                                       | 2.3                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>15.0kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 11                                              | 13400                                            | 136.14                | 79000                                                        | 0.95                                   | K 127        | 4                     |
| 12                                              | 12000                                            | 122.48                | 79700                                                        | 1.10                                   | KF 127       | 4                     |
| 13                                              | 10800                                            | 110.18                | 80300                                                        | 1.20                                   | KA 127       | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | KAF 127      | 4                     |
| 16                                              | 8820                                             | 89.89                 | 81200                                                        | 1.45                                   |              |                       |
| 18                                              | 8040                                             | 81.98                 | 81400                                                        | 1.60                                   | K 127        | 4                     |
| 21                                              | 6960                                             | 70.95                 | 81600                                                        | 1.85                                   | KF 127       | 4                     |
| 23                                              | 6140                                             | 62.60                 | 80000                                                        | 2.1                                    | KA 127       | 4                     |
| 27                                              | 5300                                             | 54.07                 | 78000                                                        | 2.5                                    | KAF 127      | 4                     |
| 31                                              | 4690                                             | 47.82                 | 76200                                                        | 2.8                                    |              |                       |
| 16                                              | 8920                                             | 90.96                 | 50900                                                        | 0.90                                   | K 107        | 4                     |
| 18                                              | 8110                                             | 82.61                 | 51100                                                        | 1.00                                   | KF 107       | 4                     |
| 20                                              | 7190                                             | 73.30                 | 51200                                                        | 1.10                                   | KA 107       | 4                     |
| 22                                              | 6530                                             | 66.52                 | 51000                                                        | 1.25                                   | KAF 107      | 4                     |
| 26                                              | 5610                                             | 57.17                 | 50600                                                        | 1.45                                   |              |                       |
| 29                                              | 4900                                             | 49.90                 | 50000                                                        | 1.60                                   |              |                       |
| 34                                              | 4150                                             | 42.33                 | 49100                                                        | 1.75                                   | K 107        | 4                     |
| 39                                              | 3630                                             | 37.00                 | 48200                                                        | 2.0                                    | KF 107       | 4                     |
| 45                                              | 3210                                             | 32.69                 | 47300                                                        | 2.2                                    | KA 107       | 4                     |
| 47                                              | 3070                                             | 31.28                 | 47000                                                        | 2.2                                    | KAF 107      | 4                     |
| 50                                              | 2840                                             | 29.00                 | 46400                                                        | 2.5                                    |              |                       |
| 30                                              | 4700                                             | 47.93                 | 28100                                                        | 0.90                                   | K 97         | 4                     |
| 35                                              | 4110                                             | 41.87                 | 28400                                                        | 1.05                                   | KF 97        | 4                     |
| 38                                              | 3760                                             | 38.30                 | 28500                                                        | 1.15                                   | KA 97        | 4                     |
| 43                                              | 3360                                             | 34.23                 | 28500                                                        | 1.30                                   | KAF 97       | 4                     |
| 47                                              | 3020                                             | 30.82                 | 28400                                                        | 1.40                                   |              |                       |
| 52                                              | 2740                                             | 27.91                 | 28300                                                        | 1.55                                   |              |                       |
| 59                                              | 2430                                             | 24.75                 | 28000                                                        | 1.75                                   | K 97         | 4                     |
| 65                                              | 2190                                             | 22.37                 | 27700                                                        | 1.95                                   | KF 97        | 4                     |
| 77                                              | 1860                                             | 18.96                 | 27200                                                        | 2.3                                    | KA 97        | 4                     |
| 88                                              | 1620                                             | 16.56                 | 26600                                                        | 2.7                                    | KAF 97       | 4                     |
| 47                                              | 3080                                             | 31.39                 | 17300                                                        | 0.90                                   |              |                       |
| 52                                              | 2730                                             | 27.88                 | 17600                                                        | 0.95                                   | K 87         | 4                     |
| 59                                              | 2440                                             | 24.92                 | 17800                                                        | 1.00                                   | KF 87        | 4                     |
| 65                                              | 2200                                             | 22.41                 | 18000                                                        | 1.05                                   | KA 87        | 4                     |
| 75                                              | 1910                                             | 19.45                 | 18000                                                        | 1.20                                   | KAF 87       | 4                     |
| 84                                              | 1710                                             | 17.42                 | 18000                                                        | 1.30                                   |              |                       |
| 91                                              | 1570                                             | 16.00                 | 16800                                                        | 1.15                                   |              |                       |
| 101                                             | 1420                                             | 14.45                 | 17800                                                        | 1.50                                   | K 87         | 4                     |
| 116                                             | 1230                                             | 12.56                 | 17600                                                        | 1.60                                   | KF 87        | 4                     |
| 131                                             | 1100                                             | 11.17                 | 16600                                                        | 1.35                                   | KA 87        | 4                     |
| 146                                             | 980                                              | 10.00                 | 16400                                                        | 1.55                                   | KAF 87       | 4                     |
| 176                                             | 810                                              | 8.29                  | 16000                                                        | 1.70                                   |              |                       |
| 202                                             | 705                                              | 7.21                  | 15700                                                        | 1.85                                   |              |                       |
| <b>18.5kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 2.8                                             | 57800                                            | 520                   | 176300                                                       | 0.85                                   |              |                       |
| 3.2                                             | 50400                                            | 454                   | 189200                                                       | 1.00                                   |              |                       |
| 4.1                                             | 39500                                            | 355                   | 190000                                                       | 1.25                                   | K 187 R107   | 4                     |
| 5.6                                             | 29000                                            | 261                   | 190000                                                       | 1.70                                   | KH 187 R107  | 4                     |
| 6.6                                             | 24600                                            | 221                   | 190000                                                       | 2.0                                    |              |                       |
| 4.6                                             | 35300                                            | 318                   | 150000                                                       | 0.90                                   |              |                       |
| 5.3                                             | 30800                                            | 278                   | 150000                                                       | 1.05                                   |              |                       |
| 6.0                                             | 27100                                            | 244                   | 150000                                                       | 1.20                                   |              |                       |
| 6.9                                             | 23600                                            | 213                   | 150000                                                       | 1.35                                   |              |                       |
| 7.1                                             | 22800                                            | 206                   | 150000                                                       | 1.40                                   | K 167 R107   | 4                     |
| 8.1                                             | 20000                                            | 180                   | 150000                                                       | 1.60                                   | KH 167 R107  | 4                     |
| 9.2                                             | 17700                                            | 160                   | 150000                                                       | 1.80                                   |              |                       |
| 11                                              | 15000                                            | 135                   | 150000                                                       | 2.1                                    |              |                       |
| 12                                              | 13100                                            | 118                   | 150000                                                       | 2.4                                    |              |                       |
| 7.8                                             | 20700                                            | 187                   | 110700                                                       | 0.85                                   | K 157 R107   | 4                     |
| 9.3                                             | 17400                                            | 157                   | 112500                                                       | 1.05                                   | KF 157 R107  | 4                     |
| 12                                              | 13600                                            | 122                   | 114100                                                       | 1.35                                   | KA 157 R107  | 4                     |
| 14                                              | 11900                                            | 107                   | 112300                                                       | 1.50                                   | KAF 157 R107 | 4                     |
| 5.4                                             | 32800                                            | 179.86                | 190000                                                       | 1.55                                   |              |                       |
| 5.9                                             | 30100                                            | 165.21                | 190000                                                       | 1.65                                   |              |                       |
| 6.7                                             | 26300                                            | 144.59                | 190000                                                       | 1.90                                   | K 187        | 6                     |
| 7.5                                             | 23600                                            | 129.69                | 190000                                                       | 2.1                                    | KH 187       | 6                     |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>18.5kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 8.1                                             | 21700                                            | 179.86                | 190000                                                       | 2.3                                    |              |                       |
| 8.9                                             | 19900                                            | 165.21                | 190000                                                       | 2.5                                    | K            | 187 4                 |
| 10                                              | 17400                                            | 144.59                | 190000                                                       | 2.9                                    | KH           | 187 4                 |
| 11                                              | 15600                                            | 129.69                | 190000                                                       | 3.2                                    |              |                       |
| 11                                              | 16300                                            | 134.99                | 150000                                                       | 1.95                                   |              |                       |
| 13                                              | 13200                                            | 109.83                | 150000                                                       | 2.4                                    | K            | 167 4                 |
| 17                                              | 10600                                            | 87.86                 | 150000                                                       | 3.0                                    | KH           | 167 4                 |
| 9.7                                             | 18300                                            | 100.22                | 112100                                                       | 1.00                                   | K            | 157 6                 |
| 11                                              | 16700                                            | 91.65                 | 112800                                                       | 1.10                                   | KF           | 157 6                 |
| 12                                              | 14500                                            | 79.75                 | 111500                                                       | 1.25                                   | KA           | 157 6                 |
| 14                                              | 12800                                            | 70.38                 | 109900                                                       | 1.40                                   | KAF          | 157 6                 |
| 12                                              | 14800                                            | 122.39                | 111600                                                       | 1.20                                   |              |                       |
| 15                                              | 12100                                            | 100.22                | 109100                                                       | 1.50                                   |              |                       |
| 16                                              | 11100                                            | 91.65                 | 107800                                                       | 1.65                                   | K            | 157 4                 |
| 18                                              | 9620                                             | 79.75                 | 105600                                                       | 1.85                                   | KF           | 157 4                 |
| 21                                              | 8490                                             | 70.38                 | 103400                                                       | 2.1                                    | KA           | 157 4                 |
| 24                                              | 7360                                             | 61.02                 | 100700                                                       | 2.5                                    | KAF          | 157 4                 |
| 27                                              | 6550                                             | 54.29                 | 98500                                                        | 2.8                                    |              |                       |
| 31                                              | 5640                                             | 46.79                 | 95500                                                        | 3.2                                    |              |                       |
| 39                                              | 4580                                             | 38.02                 | 91300                                                        | 3.9                                    |              |                       |
| 13                                              | 13300                                            | 110.18                | 79000                                                        | 1.00                                   | K            | 127 4                 |
| 16                                              | 10800                                            | 89.89                 | 79000                                                        | 1.20                                   | KF           | 127 4                 |
| 18                                              | 9890                                             | 81.98                 | 78500                                                        | 1.30                                   | KA           | 127 4                 |
|                                                 |                                                  |                       |                                                              |                                        | KAF          | 127 4                 |
| 21                                              | 8560                                             | 70.95                 | 77500                                                        | 1.50                                   |              |                       |
| 23                                              | 7550                                             | 62.60                 | 76400                                                        | 1.70                                   |              |                       |
| 27                                              | 6520                                             | 54.07                 | 74800                                                        | 2.0                                    | K            | 127 4                 |
| 31                                              | 5770                                             | 47.82                 | 73400                                                        | 2.2                                    | KF           | 127 4                 |
| 36                                              | 4850                                             | 40.19                 | 71300                                                        | 2.7                                    | KA           | 127 4                 |
| 40                                              | 4370                                             | 36.25                 | 69900                                                        | 3.0                                    | KAF          | 127 4                 |
| 47                                              | 3780                                             | 31.37                 | 68000                                                        | 3.4                                    |              |                       |
| 53                                              | 3340                                             | 27.68                 | 66200                                                        | 3.9                                    |              |                       |
| 20                                              | 8840                                             | 73.30                 | 46300                                                        | 0.90                                   | K            | 107 4                 |
| 22                                              | 8020                                             | 66.52                 | 46600                                                        | 1.00                                   | KF           | 107 4                 |
| 26                                              | 6890                                             | 57.17                 | 46800                                                        | 1.15                                   | KA           | 107 4                 |
| 29                                              | 6020                                             | 49.90                 | 46700                                                        | 1.30                                   | KAF          | 107 4                 |
| 35                                              | 5100                                             | 42.33                 | 46300                                                        | 1.45                                   |              |                       |
| 40                                              | 4460                                             | 37.00                 | 45700                                                        | 1.60                                   |              |                       |
| 45                                              | 3940                                             | 32.69                 | 45100                                                        | 1.85                                   | K            | 107 4                 |
| 47                                              | 3770                                             | 31.28                 | 44900                                                        | 1.80                                   | KF           | 107 4                 |
| 51                                              | 3500                                             | 29.00                 | 44400                                                        | 2.1                                    | KA           | 107 4                 |
| 56                                              | 3170                                             | 26.32                 | 43800                                                        | 2.3                                    | KAF          | 107 4                 |
| 65                                              | 2730                                             | 22.62                 | 42700                                                        | 2.6                                    |              |                       |
| 74                                              | 2380                                             | 19.74                 | 41700                                                        | 3.0                                    |              |                       |
| 88                                              | 2020                                             | 16.75                 | 40400                                                        | 3.5                                    |              |                       |
| 35                                              | 5050                                             | 41.87                 | 25100                                                        | 0.85                                   | K            | 97 4                  |
| 48                                              | 3720                                             | 30.82                 | 26000                                                        | 1.15                                   | KF           | 97 4                  |
| 53                                              | 3360                                             | 27.91                 | 26000                                                        | 1.30                                   | KA           | 97 4                  |
| 59                                              | 2980                                             | 24.75                 | 26000                                                        | 1.45                                   | KAF          | 97 4                  |
| 65                                              | 2700                                             | 22.37                 | 25900                                                        | 1.60                                   |              |                       |
| 77                                              | 2290                                             | 18.96                 | 25700                                                        | 1.90                                   | K            | 97 4                  |
| 88                                              | 2000                                             | 16.56                 | 25300                                                        | 2.2                                    | KF           | 97 4                  |
| 106                                             | 1670                                             | 13.85                 | 24800                                                        | 2.6                                    | KA           | 97 4                  |
| 122                                             | 1450                                             | 11.99                 | 24300                                                        | 2.7                                    | KAF          | 97 4                  |
| 59                                              | 3000                                             | 24.92                 | 15600                                                        | 0.85                                   |              |                       |
| 65                                              | 2700                                             | 22.41                 | 15900                                                        | 0.85                                   |              |                       |
| 75                                              | 2340                                             | 19.45                 | 16200                                                        | 1.00                                   |              |                       |
| 84                                              | 2100                                             | 17.42                 | 16400                                                        | 1.05                                   | K            | 87 4                  |
| 101                                             | 1740                                             | 14.45                 | 16500                                                        | 1.20                                   | KF           | 87 4                  |
| 117                                             | 1510                                             | 12.56                 | 16400                                                        | 1.30                                   | KA           | 87 4                  |
| 131                                             | 1350                                             | 11.17                 | 15400                                                        | 1.10                                   | KAF          | 87 4                  |
| 147                                             | 1210                                             | 10.00                 | 15300                                                        | 1.25                                   |              |                       |
| 177                                             | 1000                                             | 8.29                  | 15100                                                        | 1.40                                   |              |                       |
| 203                                             | 870                                              | 7.21                  | 14900                                                        | 1.50                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>22kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 3.2                                             | 60000                                            | 454                   | 172300                                                       | 0.85                                   |              |                       |
| 4.1                                             | 47000                                            | 355                   | 190000                                                       | 1.05                                   |              |                       |
| 5.6                                             | 34500                                            | 261                   | 190000                                                       | 1.45                                   | K            | 187 R107 4            |
| 6.6                                             | 29300                                            | 221                   | 190000                                                       | 1.70                                   | KH           | 187 R107 4            |
| 7.6                                             | 25600                                            | 193                   | 190000                                                       | 1.95                                   |              |                       |
| 8.9                                             | 21600                                            | 163                   | 190000                                                       | 2.3                                    |              |                       |
| 5.3                                             | 36700                                            | 278                   | 150000                                                       | 0.85                                   |              |                       |
| 6.0                                             | 32200                                            | 244                   | 150000                                                       | 1.00                                   |              |                       |
| 6.9                                             | 28200                                            | 213                   | 150000                                                       | 1.15                                   |              |                       |
| 7.1                                             | 27200                                            | 206                   | 150000                                                       | 1.20                                   |              |                       |
| 8.1                                             | 23800                                            | 180                   | 150000                                                       | 1.35                                   | K            | 167 R107 4            |
| 9.2                                             | 21100                                            | 160                   | 150000                                                       | 1.50                                   | KH           | 167 R107 4            |
| 11                                              | 17900                                            | 135                   | 150000                                                       | 1.80                                   |              |                       |
| 12                                              | 15600                                            | 118                   | 150000                                                       | 2.0                                    |              |                       |
| 9.3                                             | 20800                                            | 157                   | 109800                                                       | 0.85                                   | K            | 157 R107 4            |
| 12                                              | 16200                                            | 122                   | 108600                                                       | 1.10                                   | KF           | 157 R107 4            |
| 14                                              | 14100                                            | 107                   | 107300                                                       | 1.25                                   | KA           | 157 R107 4            |
|                                                 |                                                  |                       |                                                              |                                        | KAF          | 157 R107 4            |
| 5.4                                             | 39000                                            | 179.86                | 190000                                                       | 1.30                                   |              |                       |
| 5.9                                             | 35800                                            | 165.21                | 190000                                                       | 1.40                                   |              |                       |
| 6.7                                             | 31300                                            | 144.59                | 190000                                                       | 1.60                                   | K            | 187 4                 |
| 7.5                                             | 28100                                            | 129.69                | 190000                                                       | 1.80                                   | KH           | 187 4                 |
| 8.6                                             | 24400                                            | 112.60                | 190000                                                       | 2.0                                    |              |                       |
| 8.1                                             | 25800                                            | 179.86                | 190000                                                       | 1.95                                   |              |                       |
| 8.9                                             | 23700                                            | 165.21                | 190000                                                       | 2.1                                    |              |                       |
| 10                                              | 20700                                            | 144.59                | 190000                                                       | 2.4                                    | K            | 187 4                 |
| 11                                              | 18600                                            | 129.69                | 190000                                                       | 2.7                                    | KH           | 187 4                 |
| 11                                              | 19400                                            | 134.99                | 150000                                                       | 1.65                                   |              |                       |
| 13                                              | 15700                                            | 109.83                | 150000                                                       | 2.0                                    |              |                       |
| 17                                              | 12600                                            | 87.86                 | 150000                                                       | 2.5                                    | K            | 167 4                 |
| 19                                              | 11200                                            | 78.14                 | 150000                                                       | 2.9                                    | KH           | 167 4                 |
| 9.7                                             | 21700                                            | 100.22                | 105900                                                       | 0.85                                   |              |                       |
| 11                                              | 19900                                            | 91.65                 | 105900                                                       | 0.90                                   | K            | 157 6                 |
| 12                                              | 17300                                            | 79.75                 | 105500                                                       | 1.05                                   | KF           | 157 6                 |
| 14                                              | 15200                                            | 70.38                 | 104600                                                       | 1.20                                   | KA           | 157 6                 |
| 16                                              | 13200                                            | 61.02                 | 103300                                                       | 1.35                                   | KAF          | 157 6                 |
| 12                                              | 17600                                            | 122.39                | 105500                                                       | 1.05                                   |              |                       |
| 15                                              | 14400                                            | 100.22                | 104100                                                       | 1.25                                   |              |                       |
| 16                                              | 13100                                            | 91.65                 | 103200                                                       | 1.35                                   |              |                       |
| 18                                              | 11400                                            | 79.75                 | 101600                                                       | 1.55                                   | K            | 157 4                 |
| 21                                              | 10100                                            | 70.38                 | 99800                                                        | 1.80                                   | KF           | 157 4                 |
| 24                                              | 8750                                             | 61.02                 | 97700                                                        | 2.1                                    | KA           | 157 4                 |
| 27                                              | 7790                                             | 54.29                 | 95800                                                        | 2.3                                    | KAF          | 157 4                 |
| 31                                              | 6710                                             | 46.79                 | 93200                                                        | 2.7                                    |              |                       |
| 39                                              | 5450                                             | 38.02                 | 89400                                                        | 3.3                                    |              |                       |
| 16                                              | 12900                                            | 89.89                 | 73900                                                        | 1.00                                   | K            | 127 4                 |
| 18                                              | 11800                                            | 81.98                 | 73800                                                        | 1.10                                   | KF           | 127 4                 |
| 21                                              | 10200                                            | 70.95                 | 73400                                                        | 1.30                                   | KA           | 127 4                 |
| 23                                              | 8980                                             | 62.60                 | 72800                                                        | 1.45                                   | KAF          | 127 4                 |
| 27                                              | 7750                                             | 54.07                 | 71700                                                        | 1.70                                   |              |                       |
| 31                                              | 6860                                             | 47.82                 | 70700                                                        | 1.90                                   |              |                       |
| 36                                              | 5760                                             | 40.19                 | 69000                                                        | 2.3                                    | K            | 127 4                 |
| 40                                              | 5200                                             | 36.25                 | 67800                                                        | 2.5                                    | KF           | 127 4                 |
| 47                                              | 4500                                             | 31.37                 | 66200                                                        | 2.9                                    | KA           | 127 4                 |
| 53                                              | 3970                                             | 27.68                 | 64600                                                        | 3.3                                    | KAF          | 127 4                 |
| 61                                              | 3430                                             | 23.91                 | 62800                                                        | 3.8                                    |              |                       |
| 69                                              | 3030                                             | 21.15                 | 61200                                                        | 4.3                                    |              |                       |
| 26                                              | 8200                                             | 57.17                 | 43000                                                        | 1.00                                   | K            | 107 4                 |
| 29                                              | 7160                                             | 49.90                 | 43300                                                        | 1.10                                   | KF           | 107 4                 |
| 35                                              | 6070                                             | 42.33                 | 43400                                                        | 1.20                                   | KA           | 107 4                 |
|                                                 |                                                  |                       |                                                              |                                        | KAF          | 107 4                 |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>22kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 40                                              | 5310                                             | 37.00                   | 43200                                                        | 1.35                                   |              |                       |
| 45                                              | 4690                                             | 32.69                   | 42900                                                        | 1.55                                   |              |                       |
| 47                                              | 4490                                             | 31.28                   | 42800                                                        | 1.50                                   |              |                       |
| 51                                              | 4160                                             | 29.00                   | 42500                                                        | 1.75                                   |              |                       |
| 56                                              | 3770                                             | 26.32                   | 42000                                                        | 1.90                                   | K 107        | 4                     |
| 65                                              | 3240                                             | 22.62                   | 41200                                                        | 2.2                                    | KF 107       | 4                     |
| 74                                              | 2830                                             | 19.74                   | 40400                                                        | 2.5                                    | KA 107       | 4                     |
| 88                                              | 2400                                             | 16.75                   | 39300                                                        | 2.9                                    | KAF107       | 4                     |
| 100                                             | 2100                                             | 14.64                   | 38400                                                        | 3.3                                    |              |                       |
| 109                                             | 1930                                             | 13.43                   | 36800                                                        | 2.2                                    |              |                       |
| 125                                             | 1680                                             | 11.73                   | 35900                                                        | 2.6                                    |              |                       |
| 147                                             | 1430                                             | 9.94                    | 34800                                                        | 2.9                                    |              |                       |
| 48                                              | 4420                                             | 30.82                   | 23500                                                        | 0.95                                   | K 97         | 4                     |
| 53                                              | 4000                                             | 27.91                   | 23800                                                        | 1.05                                   | KF 97        | 4                     |
| 59                                              | 3550                                             | 24.75                   | 24100                                                        | 1.20                                   | KA 97        | 4                     |
| 65                                              | 3210                                             | 22.37                   | 24200                                                        | 1.35                                   | KAF97        | 4                     |
| 77                                              | 2720                                             | 18.96                   | 24100                                                        | 1.60                                   |              |                       |
| 88                                              | 2370                                             | 16.56                   | 24000                                                        | 1.80                                   | K 97         | 4                     |
| 106                                             | 1990                                             | 13.85                   | 23700                                                        | 2.2                                    | KF 97        | 4                     |
| 122                                             | 1720                                             | 11.99                   | 23300                                                        | 2.3                                    | KA 97        | 4                     |
| 141                                             | 1490                                             | 10.41                   | 21800                                                        | 1.90                                   | KAF97        | 4                     |
| 168                                             | 1250                                             | 8.71                    | 21300                                                        | 2.1                                    |              |                       |
| 75                                              | 2790                                             | 19.45                   | 14400                                                        | 0.80                                   |              |                       |
| 84                                              | 2500                                             | 17.42                   | 14800                                                        | 0.90                                   |              |                       |
| 101                                             | 2070                                             | 14.45                   | 15100                                                        | 1.00                                   | K 87         | 4                     |
| 117                                             | 1800                                             | 12.56                   | 15300                                                        | 1.10                                   | KF 87        | 4                     |
| 131                                             | 1600                                             | 11.17                   | 14200                                                        | 0.95                                   | KA 87        | 4                     |
| 147                                             | 1430                                             | 10.00                   | 14200                                                        | 1.05                                   | KAF87        | 4                     |
| 177                                             | 1190                                             | 8.29                    | 14300                                                        | 1.20                                   |              |                       |
| 203                                             | 1030                                             | 7.21                    | 14200                                                        | 1.25                                   |              |                       |
| <b>30kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 5.6                                             | 47000                                            | 261                     | 190000                                                       | 1.05                                   |              |                       |
| 6.6                                             | 39800                                            | 221                     | 190000                                                       | 1.25                                   | K 187 R107   | 4                     |
| 7.6                                             | 34800                                            | 193                     | 190000                                                       | 1.45                                   | KH 187 R107  | 4                     |
| 9.0                                             | 29400                                            | 163                     | 190000                                                       | 1.70                                   |              |                       |
| 6.9                                             | 38300                                            | 213                     | 150000                                                       | 0.85                                   |              |                       |
| 7.1                                             | 37000                                            | 206                     | 150000                                                       | 0.85                                   |              |                       |
| 8.1                                             | 32400                                            | 180                     | 150000                                                       | 1.00                                   | K 167 R107   | 4                     |
| 9.2                                             | 28700                                            | 160                     | 150000                                                       | 1.10                                   | KH 167 R107  | 4                     |
| 11                                              | 24400                                            | 135                     | 150000                                                       | 1.30                                   |              |                       |
| 12                                              | 21300                                            | 118                     | 150000                                                       | 1.50                                   |              |                       |
| 8.2                                             | 35100                                            | 179.86                  | 190000                                                       | 1.45                                   |              |                       |
| 8.9                                             | 32200                                            | 165.21                  | 190000                                                       | 1.55                                   |              |                       |
| 10                                              | 28200                                            | 144.59                  | 190000                                                       | 1.75                                   |              |                       |
| 11                                              | 25300                                            | 129.69                  | 190000                                                       | 2.0                                    | K 187        | 4                     |
| 13                                              | 21900                                            | 112.60                  | 190000                                                       | 2.3                                    | KH 187       | 4                     |
| 14                                              | 19900                                            | 102.16                  | 190000                                                       | 2.5                                    |              |                       |
| 17                                              | 17200                                            | 88.00                   | 190000                                                       | 2.9                                    |              |                       |
| 13                                              | 21400                                            | 109.83                  | 150000                                                       | 1.50                                   |              |                       |
| 17                                              | 17100                                            | 87.86                   | 150000                                                       | 1.85                                   |              |                       |
| 19                                              | 15200                                            | 78.14                   | 150000                                                       | 2.1                                    | K 167        | 4                     |
| 22                                              | 13300                                            | 68.07                   | 150000                                                       | 2.4                                    | KH 167       | 4                     |
| 24                                              | 11800                                            | 60.74                   | 150000                                                       | 2.7                                    |              |                       |
| 15                                              | 19500                                            | 100.22                  | 92700                                                        | 0.90                                   |              |                       |
| 16                                              | 17900                                            | 91.65                   | 92800                                                        | 1.00                                   |              |                       |
| 18                                              | 15500                                            | 79.75                   | 92400                                                        | 1.15                                   | K 157        | 4                     |
| 21                                              | 13700                                            | 70.38                   | 91800                                                        | 1.30                                   | KF 157       | 4                     |
| 24                                              | 11900                                            | 61.02                   | 90700                                                        | 1.50                                   | KA 157       | 4                     |
| 27                                              | 10600                                            | 54.29                   | 89500                                                        | 1.70                                   | KAF157       | 4                     |
| 31                                              | 9120                                             | 46.79                   | 87800                                                        | 1.95                                   |              |                       |
| 39                                              | 7410                                             | 38.02                   | 85100                                                        | 2.4                                    |              |                       |
| 47                                              | 6100                                             | 31.30                   | 82200                                                        | 3.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>30kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 21                                              | 13800                                            | 70.95                   | 64200                                                        | 0.95                                   |              |                       |
| 23                                              | 12200                                            | 62.60                   | 64600                                                        | 1.05                                   |              |                       |
| 27                                              | 10500                                            | 54.07                   | 64700                                                        | 1.25                                   | K 127        | 4                     |
| 31                                              | 9320                                             | 47.82                   | 64400                                                        | 1.40                                   | KF 127       | 4                     |
| 37                                              | 7830                                             | 40.19                   | 63700                                                        | 1.65                                   | KA 127       | 4                     |
| 41                                              | 7060                                             | 36.25                   | 63100                                                        | 1.85                                   | KAF127       | 4                     |
| 47                                              | 6110                                             | 31.37                   | 62000                                                        | 2.1                                    |              |                       |
| 53                                              | 5390                                             | 27.68                   | 61000                                                        | 2.4                                    |              |                       |
| 62                                              | 4660                                             | 23.91                   | 59600                                                        | 2.8                                    |              |                       |
| 35                                              | 8250                                             | 42.33                   | 36100                                                        | 0.90                                   | K 107        | 4                     |
| 40                                              | 7210                                             | 37.00                   | 37600                                                        | 1.00                                   | KF 107       | 4                     |
| 47                                              | 6100                                             | 31.28                   | 38000                                                        | 1.10                                   | KA 107       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF107       | 4                     |
| 51                                              | 5650                                             | 29.00                   | 38000                                                        | 1.25                                   |              |                       |
| 56                                              | 5130                                             | 26.32                   | 38000                                                        | 1.40                                   |              |                       |
| 65                                              | 4410                                             | 22.62                   | 37700                                                        | 1.65                                   | K 107        | 4                     |
| 74                                              | 3850                                             | 19.74                   | 37400                                                        | 1.85                                   | KF 107       | 4                     |
| 88                                              | 3260                                             | 16.75                   | 36700                                                        | 2.2                                    | KA 107       | 4                     |
| 100                                             | 2850                                             | 14.64                   | 36100                                                        | 2.4                                    | KAF107       | 4                     |
| 109                                             | 2620                                             | 13.43                   | 34400                                                        | 1.65                                   |              |                       |
| 125                                             | 2280                                             | 11.73                   | 33800                                                        | 1.90                                   |              |                       |
| 148                                             | 1940                                             | 9.94                    | 33000                                                        | 2.2                                    |              |                       |
| 169                                             | 1690                                             | 8.69                    | 32200                                                        | 2.4                                    |              |                       |
| 59                                              | 4820                                             | 24.75                   | 19600                                                        | 0.90                                   |              |                       |
| 66                                              | 4360                                             | 22.37                   | 20100                                                        | 1.00                                   |              |                       |
| 78                                              | 3690                                             | 18.96                   | 20700                                                        | 1.15                                   | K 97         | 4                     |
| 89                                              | 3230                                             | 16.56                   | 21000                                                        | 1.35                                   | KF 97        | 4                     |
| 106                                             | 2700                                             | 13.85                   | 21200                                                        | 1.60                                   | KA 97        | 4                     |
| 123                                             | 2340                                             | 11.99                   | 21100                                                        | 1.65                                   | KAF97        | 4                     |
| 141                                             | 2030                                             | 10.41                   | 19500                                                        | 1.40                                   |              |                       |
| 169                                             | 1700                                             | 8.71                    | 19400                                                        | 1.55                                   |              |                       |
| <b>37kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 5.6                                             | 58000                                            | 261                     | 176000                                                       | 0.85                                   |              |                       |
| 6.6                                             | 49200                                            | 221                     | 190000                                                       | 1.00                                   |              |                       |
| 7.6                                             | 43000                                            | 193                     | 190000                                                       | 1.15                                   | K 187 R107   | 4                     |
| 9.0                                             | 36300                                            | 163                     | 190000                                                       | 1.40                                   | KH 187 R107  | 4                     |
| 8.1                                             | 40000                                            | 180                     | 150000                                                       | 0.80                                   |              |                       |
| 9.2                                             | 35500                                            | 160                     | 150000                                                       | 0.90                                   | K 167 R107   | 4                     |
| 11                                              | 30100                                            | 135                     | 150000                                                       | 1.05                                   | KH 167 R107  | 4                     |
| 12                                              | 26300                                            | 118                     | 150000                                                       | 1.20                                   |              |                       |
| 8.2                                             | 43200                                            | 179.86                  | 190000                                                       | 1.15                                   |              |                       |
| 8.9                                             | 39700                                            | 165.21                  | 190000                                                       | 1.25                                   |              |                       |
| 10                                              | 34800                                            | 144.59                  | 190000                                                       | 1.45                                   |              |                       |
| 11                                              | 31200                                            | 129.69                  | 190000                                                       | 1.60                                   | K 187        | 4                     |
| 13                                              | 27100                                            | 112.60                  | 190000                                                       | 1.85                                   | KH 187       | 4                     |
| 14                                              | 24600                                            | 102.16                  | 190000                                                       | 2.0                                    |              |                       |
| 17                                              | 21200                                            | 88.00                   | 190000                                                       | 2.4                                    |              |                       |
| 13                                              | 26400                                            | 109.83                  | 150000                                                       | 1.20                                   |              |                       |
| 17                                              | 21100                                            | 87.86                   | 150000                                                       | 1.50                                   |              |                       |
| 19                                              | 18800                                            | 78.14                   | 150000                                                       | 1.70                                   | K 167        | 4                     |
| 22                                              | 16400                                            | 68.07                   | 150000                                                       | 1.95                                   | KH 167       | 4                     |
| 24                                              | 14600                                            | 60.74                   | 150000                                                       | 2.2                                    |              |                       |
| 28                                              | 12400                                            | 51.77                   | 150000                                                       | 2.6                                    |              |                       |
| 16                                              | 22000                                            | 91.65                   | 83600                                                        | 0.80                                   | K 157        | 4                     |
| 18                                              | 19200                                            | 79.75                   | 84500                                                        | 0.95                                   | KF 157       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KA 157       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF157       | 4                     |
| 21                                              | 16900                                            | 70.38                   | 84800                                                        | 1.05                                   |              |                       |
| 24                                              | 14700                                            | 61.02                   | 84600                                                        | 1.25                                   | K 157        | 4                     |
| 27                                              | 13000                                            | 54.29                   | 84100                                                        | 1.40                                   | KF 157       | 4                     |
| 31                                              | 11200                                            | 46.79                   | 83200                                                        | 1.60                                   | KA 157       | 4                     |
| 39                                              | 9140                                             | 38.02                   | 81300                                                        | 1.95                                   | KAF157       | 4                     |
| 47                                              | 7520                                             | 31.30                   | 79100                                                        | 2.4                                    |              |                       |
| 23                                              | 15000                                            | 62.60                   | 57500                                                        | 0.85                                   | K 127        | 4                     |
| 27                                              | 13000                                            | 54.07                   | 58500                                                        | 1.00                                   | KF 127       | 4                     |
| 31                                              | 11500                                            | 47.82                   | 59000                                                        | 1.15                                   | KA 127       | 4                     |
| 37                                              | 9660                                             | 40.19                   | 59100                                                        | 1.35                                   | KAF127       | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_B$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>37kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 41                                              | 8710                                             | 36.25                   | 59000                                                        | 1.50                                   |              |                       |
| 47                                              | 7540                                             | 31.37                   | 58500                                                        | 1.70                                   |              |                       |
| 53                                              | 6650                                             | 27.68                   | 57800                                                        | 1.95                                   |              |                       |
| 62                                              | 5740                                             | 23.91                   | 56900                                                        | 2.3                                    | K 127        | 4                     |
| 70                                              | 5080                                             | 21.15                   | 56000                                                        | 2.6                                    | KF 127       | 4                     |
| 83                                              | 4270                                             | 17.77                   | 54500                                                        | 3.0                                    | KA 127       | 4                     |
| 102                                             | 3450                                             | 14.35                   | 52500                                                        | 3.5                                    | KAF127       | 4                     |
| 115                                             | 3070                                             | 12.79                   | 50200                                                        | 2.8                                    |              |                       |
| 137                                             | 2580                                             | 10.74                   | 48600                                                        | 3.1                                    |              |                       |
| 169                                             | 2090                                             | 8.68                    | 46600                                                        | 3.5                                    |              |                       |
| 40                                              | 8890                                             | 37.00                   | 29000                                                        | 0.80                                   |              |                       |
| 47                                              | 7520                                             | 31.28                   | 33000                                                        | 0.90                                   |              |                       |
| 51                                              | 6970                                             | 29.00                   | 34200                                                        | 1.05                                   |              |                       |
| 56                                              | 6320                                             | 26.32                   | 34500                                                        | 1.15                                   | K 107        | 4                     |
| 65                                              | 5440                                             | 22.62                   | 34700                                                        | 1.30                                   | KF 107       | 4                     |
| 74                                              | 4740                                             | 19.74                   | 34700                                                        | 1.50                                   | KA 107       | 4                     |
| 88                                              | 4020                                             | 16.75                   | 34500                                                        | 1.75                                   | KAF107       | 4                     |
| 100                                             | 3520                                             | 14.64                   | 34200                                                        | 1.95                                   |              |                       |
| 109                                             | 3230                                             | 13.34                   | 32300                                                        | 1.35                                   |              |                       |
| 125                                             | 2820                                             | 11.73                   | 32000                                                        | 1.55                                   |              |                       |
| 148                                             | 2390                                             | 9.94                    | 31400                                                        | 1.75                                   |              |                       |
| 169                                             | 2090                                             | 8.69                    | 30900                                                        | 1.95                                   |              |                       |
| <b>45kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 6.6                                             | 59800                                            | 221                     | 172600                                                       | 0.85                                   | K 187 R107   | 4                     |
| 7.6                                             | 52300                                            | 193                     | 186100                                                       | 1.95                                   | KH187 R107   | 4                     |
| 9.0                                             | 44200                                            | 163                     | 190000                                                       | 1.15                                   |              |                       |
| 11                                              | 36600                                            | 135                     | 150000                                                       | 0.85                                   | K 167 R107   | 4                     |
| 12                                              | 32000                                            | 118                     | 150000                                                       | 1.00                                   | KH167 R107   | 4                     |
| 8.2                                             | 52600                                            | 179.86                  | 185500                                                       | 0.95                                   |              |                       |
| 8.9                                             | 48300                                            | 165.21                  | 190000                                                       | 1.05                                   |              |                       |
| 10                                              | 42300                                            | 144.59                  | 190000                                                       | 1.20                                   |              |                       |
| 11                                              | 37900                                            | 129.69                  | 190000                                                       | 1.30                                   | K 187        | 4                     |
| 13                                              | 32900                                            | 112.60                  | 190000                                                       | 1.50                                   | KH 187       | 4                     |
| 14                                              | 29900                                            | 102.16                  | 190000                                                       | 1.65                                   |              |                       |
| 17                                              | 25700                                            | 88.00                   | 190000                                                       | 1.95                                   |              |                       |
| 20                                              | 21600                                            | 73.96                   | 187700                                                       | 2.3                                    |              |                       |
| 13                                              | 32100                                            | 109.83                  | 150000                                                       | 1.00                                   |              |                       |
| 17                                              | 25700                                            | 87.86                   | 150000                                                       | 1.25                                   |              |                       |
| 19                                              | 22800                                            | 78.14                   | 150000                                                       | 1.40                                   |              |                       |
| 22                                              | 19900                                            | 68.07                   | 150000                                                       | 1.60                                   | K 167        | 4                     |
| 24                                              | 17800                                            | 60.74                   | 149000                                                       | 1.80                                   | KH 167       | 4                     |
| 28                                              | 15100                                            | 51.77                   | 145600                                                       | 2.1                                    |              |                       |
| 34                                              | 12500                                            | 42.89                   | 140600                                                       | 2.5                                    |              |                       |
| 21                                              | 20600                                            | 70.38                   | 76800                                                        | 0.85                                   |              |                       |
| 24                                              | 17800                                            | 61.02                   | 77700                                                        | 1.00                                   |              |                       |
| 27                                              | 15900                                            | 54.29                   | 77900                                                        | 1.15                                   | K 157        | 4                     |
| 31                                              | 13700                                            | 46.79                   | 77800                                                        | 1.30                                   | KF 157       | 4                     |
| 39                                              | 11100                                            | 38.02                   | 76900                                                        | 1.60                                   | KA 157       | 4                     |
| 47                                              | 9150                                             | 31.30                   | 75500                                                        | 1.95                                   | KAF157       | 4                     |
| 53                                              | 8080                                             | 27.62                   | 74300                                                        | 2.2                                    |              |                       |
| 61                                              | 7000                                             | 23.95                   | 72800                                                        | 2.6                                    |              |                       |
| 69                                              | 6230                                             | 21.31                   | 71500                                                        | 2.9                                    |              |                       |
| 80                                              | 5370                                             | 18.37                   | 69700                                                        | 3.3                                    |              |                       |
| 31                                              | 14000                                            | 47.82                   | 52800                                                        | 0.95                                   | K 127        | 4                     |
| 37                                              | 11700                                            | 40.19                   | 53900                                                        | 1.10                                   | KF 127       | 4                     |
| 41                                              | 10600                                            | 36.25                   | 54200                                                        | 1.25                                   | KA 127       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF127       | 4                     |
| 47                                              | 9170                                             | 31.37                   | 54400                                                        | 1.40                                   |              |                       |
| 53                                              | 8090                                             | 27.68                   | 54200                                                        | 1.60                                   |              |                       |
| 62                                              | 6990                                             | 23.91                   | 53800                                                        | 1.85                                   |              |                       |
| 70                                              | 6180                                             | 21.15                   | 53200                                                        | 2.1                                    | K 127        | 4                     |
| 83                                              | 5190                                             | 17.77                   | 52200                                                        | 2.5                                    | KF 127       | 4                     |
| 102                                             | 4190                                             | 14.35                   | 50700                                                        | 2.9                                    | KA 127       | 4                     |
| 115                                             | 3740                                             | 12.79                   | 48300                                                        | 2.3                                    | KAF127       | 4                     |
| 137                                             | 3140                                             | 10.74                   | 47000                                                        | 2.5                                    |              |                       |
| 169                                             | 2540                                             | 8.68                    | 45300                                                        | 2.8                                    |              |                       |
| <b>45kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 51                                              | 8480                                             | 29.00                   | 25600                                                        | 0.85                                   | K 107        | 4                     |
| 56                                              | 7690                                             | 26.32                   | 28300                                                        | 0.95                                   | KF 107       | 4                     |
| 65                                              | 6610                                             | 22.62                   | 31000                                                        | 1.10                                   | KA 107       | 4                     |
| 74                                              | 5770                                             | 19.74                   | 31700                                                        | 1.25                                   | KAF107       | 4                     |
| 88                                              | 4890                                             | 16.75                   | 31900                                                        | 1.45                                   |              |                       |
| 100                                             | 4280                                             | 14.64                   | 31900                                                        | 1.60                                   | K 107        | 4                     |
| 109                                             | 3930                                             | 13.43                   | 29900                                                        | 1.10                                   | KF 107       | 4                     |
| 125                                             | 3430                                             | 11.73                   | 29900                                                        | 1.25                                   | KA 107       | 4                     |
| 148                                             | 2910                                             | 9.94                    | 29600                                                        | 1.45                                   | KAF107       | 4                     |
| 169                                             | 2540                                             | 8.69                    | 29300                                                        | 1.60                                   |              |                       |
| <b>55kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 10                                              | 51500                                            | 144.59                  | 187400                                                       | 0.95                                   |              |                       |
| 11                                              | 46200                                            | 129.69                  | 190000                                                       | 1.10                                   |              |                       |
| 13                                              | 40100                                            | 112.60                  | 188500                                                       | 1.25                                   |              |                       |
| 14                                              | 36400                                            | 102.16                  | 187100                                                       | 1.35                                   | K 187        | 4                     |
| 17                                              | 31300                                            | 88.00                   | 184200                                                       | 1.60                                   | KH 187       | 4                     |
| 20                                              | 26300                                            | 73.96                   | 180200                                                       | 1.90                                   |              |                       |
| 23                                              | 22800                                            | 64.04                   | 176300                                                       | 2.2                                    |              |                       |
| 17                                              | 31300                                            | 87.86                   | 145300                                                       | 1.00                                   |              |                       |
| 19                                              | 27800                                            | 78.14                   | 144600                                                       | 1.15                                   |              |                       |
| 22                                              | 24200                                            | 68.07                   | 143300                                                       | 1.30                                   |              |                       |
| 24                                              | 21600                                            | 60.74                   | 141700                                                       | 1.50                                   | K 167        | 4                     |
| 28                                              | 18400                                            | 51.77                   | 139100                                                       | 1.75                                   | KH 167       | 4                     |
| 34                                              | 15300                                            | 42.89                   | 135400                                                       | 2.1                                    |              |                       |
| 40                                              | 13000                                            | 36.61                   | 131900                                                       | 2.5                                    |              |                       |
| 24                                              | 21700                                            | 61.02                   | 69000                                                        | 0.85                                   |              |                       |
| 27                                              | 19300                                            | 54.29                   | 70200                                                        | 0.95                                   |              |                       |
| 32                                              | 16700                                            | 46.79                   | 71200                                                        | 1.10                                   |              |                       |
| 39                                              | 13500                                            | 38.02                   | 71500                                                        | 1.35                                   |              |                       |
| 47                                              | 11100                                            | 31.30                   | 71000                                                        | 1.60                                   | K 157        | 4                     |
| 53                                              | 9840                                             | 27.62                   | 70400                                                        | 1.85                                   | KF 157       | 4                     |
| 62                                              | 8530                                             | 23.95                   | 69400                                                        | 2.1                                    | KA 157       | 4                     |
| 69                                              | 7590                                             | 21.31                   | 68400                                                        | 2.4                                    | KAF157       | 4                     |
| 80                                              | 6540                                             | 18.37                   | 67000                                                        | 2.8                                    |              |                       |
| 99                                              | 5310                                             | 14.92                   | 64800                                                        | 3.4                                    |              |                       |
| 117                                             | 4510                                             | 12.65                   | 62900                                                        | 3.8                                    |              |                       |
| 37                                              | 14300                                            | 40.19                   | 47400                                                        | 0.90                                   | K 127        | 4                     |
| 47                                              | 11200                                            | 31.37                   | 49300                                                        | 1.15                                   | KF 127       | 4                     |
| 53                                              | 9850                                             | 27.68                   | 49700                                                        | 1.30                                   | KA 127       | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | KAF127       | 4                     |
| 62                                              | 8510                                             | 23.91                   | 49900                                                        | 1.55                                   |              |                       |
| 70                                              | 7530                                             | 21.15                   | 49800                                                        | 1.75                                   | K 127        | 4                     |
| 83                                              | 6330                                             | 17.77                   | 49300                                                        | 2.0                                    | KF 127       | 4                     |
| 103                                             | 5110                                             | 14.35                   | 48300                                                        | 2.4                                    | KA 127       | 4                     |
| 115                                             | 4550                                             | 12.79                   | 45900                                                        | 1.85                                   | KAF127       | 4                     |
| 137                                             | 3830                                             | 10.74                   | 45000                                                        | 2.1                                    |              |                       |
| 170                                             | 3090                                             | 8.68                    | 43600                                                        | 2.3                                    |              |                       |
| <b>75kW</b>                                     |                                                  |                         |                                                              |                                        |              |                       |
| 11                                              | 62800                                            | 129.69                  | 164100                                                       | 0.80                                   |              |                       |
| 13                                              | 54500                                            | 112.60                  | 166100                                                       | 0.90                                   |              |                       |
| 14                                              | 49400                                            | 102.16                  | 166600                                                       | 1.00                                   |              |                       |
| 17                                              | 42600                                            | 88.00                   | 166600                                                       | 1.15                                   |              |                       |
| 20                                              | 35800                                            | 73.96                   | 165300                                                       | 1.40                                   | K 187        | 4                     |
| 23                                              | 31000                                            | 64.04                   | 163400                                                       | 1.60                                   | KH 187       | 4                     |
| 28                                              | 25800                                            | 53.36                   | 160100                                                       | 1.95                                   |              |                       |
| 33                                              | 22000                                            | 45.50                   | 156700                                                       | 2.3                                    |              |                       |
| 19                                              | 37800                                            | 78.14                   | 126100                                                       | 0.85                                   |              |                       |
| 22                                              | 32900                                            | 68.07                   | 127100                                                       | 0.95                                   |              |                       |
| 24                                              | 29400                                            | 60.74                   | 127300                                                       | 1.10                                   |              |                       |
| 29                                              | 25100                                            | 51.77                   | 126800                                                       | 1.30                                   |              |                       |
| 35                                              | 20800                                            | 42.89                   | 125200                                                       | 1.55                                   |              |                       |
| 40                                              | 17700                                            | 36.61                   | 123200                                                       | 1.80                                   | K 167        | 4                     |
| 46                                              | 15600                                            | 32.25                   | 121300                                                       | 2.0                                    | KH 167       | 4                     |
| 51                                              | 13900                                            | 28.77                   | 119300                                                       | 2.3                                    |              |                       |
| 60                                              | 11900                                            | 24.52                   | 116300                                                       | 2.7                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{R0}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>75kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 39                                              | 18400                                            | 38.02                 | 60800                                                        | 1.00                                   |              |                       |
| 47                                              | 15100                                            | 31.30                 | 62200                                                        | 1.20                                   |              |                       |
| 54                                              | 13400                                            | 27.62                 | 62600                                                        | 1.35                                   | K 157        | 4                     |
| 62                                              | 11600                                            | 23.95                 | 62600                                                        | 1.55                                   | KF 157       | 4                     |
| 69                                              | 10300                                            | 21.31                 | 62400                                                        | 1.75                                   | KA 157       | 4                     |
| 81                                              | 8890                                             | 18.37                 | 61800                                                        | 2.0                                    | KAF157       | 4                     |
| 99                                              | 7220                                             | 14.92                 | 60500                                                        | 2.5                                    |              |                       |
| 117                                             | 6120                                             | 12.65                 | 59300                                                        | 2.8                                    |              |                       |
| 47                                              | 15200                                            | 31.37                 | 39200                                                        | 0.85                                   |              |                       |
| 53                                              | 13400                                            | 27.68                 | 40800                                                        | 0.95                                   |              |                       |
| 62                                              | 11600                                            | 23.91                 | 42200                                                        | 1.10                                   | K 127        | 4                     |
| 70                                              | 10200                                            | 21.15                 | 42900                                                        | 1.25                                   | KF 127       | 4                     |
| 83                                              | 8600                                             | 17.77                 | 43500                                                        | 1.50                                   | KA 127       | 4                     |
| 103                                             | 6940                                             | 14.35                 | 43700                                                        | 1.75                                   | KAF127       | 4                     |
| 116                                             | 6190                                             | 12.79                 | 41100                                                        | 1.40                                   |              |                       |
| 138                                             | 5200                                             | 10.74                 | 41000                                                        | 1.55                                   |              |                       |
| 171                                             | 4200                                             | 8.68                  | 40400                                                        | 1.70                                   |              |                       |
| <b>90kW</b>                                     |                                                  |                       |                                                              |                                        |              |                       |
| 14                                              | 59300                                            | 102.16                | 151300                                                       | 0.85                                   |              |                       |
| 17                                              | 51100                                            | 88.00                 | 153400                                                       | 1.00                                   |              |                       |
| 20                                              | 42900                                            | 73.96                 | 154200                                                       | 1.15                                   |              |                       |
| 23                                              | 37200                                            | 64.04                 | 153800                                                       | 1.35                                   | K 187        | 4                     |
| 28                                              | 31000                                            | 53.36                 | 152200                                                       | 1.60                                   | KH 187       | 4                     |
| 33                                              | 26400                                            | 45.50                 | 149900                                                       | 1.90                                   |              |                       |
| 35                                              | 24700                                            | 42.51                 | 148700                                                       | 2.0                                    |              |                       |
| 38                                              | 22400                                            | 38.57                 | 146900                                                       | 2.2                                    |              |                       |
| 22                                              | 39500                                            | 68.07                 | 115100                                                       | 0.80                                   |              |                       |
| 24                                              | 35300                                            | 60.74                 | 116600                                                       | 0.90                                   |              |                       |
| 29                                              | 30100                                            | 51.77                 | 117600                                                       | 1.05                                   |              |                       |
| 35                                              | 24900                                            | 42.89                 | 117600                                                       | 1.30                                   |              |                       |
| 40                                              | 21300                                            | 36.61                 | 116700                                                       | 1.50                                   | K 167        | 4                     |
| 46                                              | 18700                                            | 32.25                 | 115500                                                       | 1.70                                   | KH 167       | 4                     |
| 51                                              | 16700                                            | 28.77                 | 114200                                                       | 1.90                                   |              |                       |
| 60                                              | 14200                                            | 24.52                 | 111900                                                       | 2.2                                    |              |                       |
| 73                                              | 11800                                            | 20.32                 | 108800                                                       | 2.7                                    |              |                       |
| 85                                              | 10100                                            | 17.34                 | 106000                                                       | 3.2                                    |              |                       |
| 39                                              | 22100                                            | 38.02                 | 52700                                                        | 0.80                                   |              |                       |
| 47                                              | 18200                                            | 31.30                 | 55500                                                        | 1.00                                   |              |                       |
| 54                                              | 16000                                            | 27.62                 | 56700                                                        | 1.10                                   | K 157        | 4                     |
| 62                                              | 13900                                            | 23.95                 | 57500                                                        | 1.30                                   | KF 157       | 4                     |
| 69                                              | 12400                                            | 21.31                 | 57900                                                        | 1.45                                   | KA 157       | 4                     |
| 81                                              | 10700                                            | 18.37                 | 57900                                                        | 1.70                                   | KAF157       | 4                     |
| 99                                              | 8670                                             | 14.92                 | 57400                                                        | 2.1                                    |              |                       |
| 117                                             | 7350                                             | 12.65                 | 56600                                                        | 2.3                                    |              |                       |
| 62                                              | 13900                                            | 23.91                 | 36400                                                        | 0.95                                   |              |                       |
| 70                                              | 12300                                            | 21.15                 | 37800                                                        | 1.05                                   | K 127        | 4                     |
| 83                                              | 10300                                            | 17.77                 | 39200                                                        | 1.25                                   | KF 127       | 4                     |
| 103                                             | 8330                                             | 14.35                 | 40200                                                        | 1.45                                   | KA 127       | 4                     |
| 116                                             | 7420                                             | 12.79                 | 37600                                                        | 1.15                                   | KAF127       | 4                     |
| 138                                             | 6240                                             | 10.74                 | 38000                                                        | 1.30                                   |              |                       |
| 171                                             | 5040                                             | 8.68                  | 38000                                                        | 1.45                                   |              |                       |
| <b>110kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 17                                              | 62300                                            | 88.00                 | 136000                                                       | 0.80                                   |              |                       |
| 20                                              | 52300                                            | 73.96                 | 139500                                                       | 0.95                                   |              |                       |
| 23                                              | 45300                                            | 64.04                 | 141000                                                       | 1.10                                   |              |                       |
| 28                                              | 37700                                            | 53.36                 | 141500                                                       | 1.30                                   |              |                       |
| 33                                              | 32200                                            | 45.50                 | 140800                                                       | 1.55                                   | K 187        | 4                     |
| 35                                              | 30100                                            | 42.51                 | 140200                                                       | 1.65                                   | KH 187       | 4                     |
| 39                                              | 27300                                            | 38.57                 | 139100                                                       | 1.85                                   |              |                       |
| 45                                              | 23500                                            | 33.23                 | 137000                                                       | 2.1                                    |              |                       |
| 53                                              | 19800                                            | 27.92                 | 134000                                                       | 2.5                                    |              |                       |
| 29                                              | 36600                                            | 51.77                 | 105500                                                       | 0.85                                   |              |                       |
| 35                                              | 30300                                            | 52.89                 | 107500                                                       | 1.05                                   |              |                       |
| 41                                              | 25900                                            | 36.61                 | 108100                                                       | 1.25                                   |              |                       |
| 46                                              | 22800                                            | 32.25                 | 107900                                                       | 1.40                                   | K 167        | 4                     |
| 52                                              | 20400                                            | 28.77                 | 107400                                                       | 1.55                                   | KH 167       | 4                     |
| 61                                              | 17300                                            | 24.52                 | 106100                                                       | 1.85                                   |              |                       |
| 73                                              | 14400                                            | 20.32                 | 104000                                                       | 2.2                                    |              |                       |
| 86                                              | 12300                                            | 17.34                 | 101800                                                       | 2.6                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{R0}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>110kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 62                                              | 16900                                            | 23.95                 | 50800                                                        | 1.05                                   | K 157        | 4                     |
| 70                                              | 15100                                            | 21.31                 | 51900                                                        | 1.20                                   | KF 157       | 4                     |
| 81                                              | 13000                                            | 18.37                 | 52700                                                        | 1.40                                   | KA 157       | 4                     |
| 100                                             | 10600                                            | 14.92                 | 53100                                                        | 1.70                                   | KAF 157      | 4                     |
| 117                                             | 8950                                             | 12.65                 | 53000                                                        | 1.90                                   |              |                       |
| <b>132kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 20                                              | 62800                                            | 73.96                 | 123300                                                       | 0.80                                   |              |                       |
| 23                                              | 54400                                            | 64.04                 | 127000                                                       | 0.90                                   |              |                       |
| 28                                              | 45300                                            | 53.36                 | 129800                                                       | 1.10                                   |              |                       |
| 33                                              | 38600                                            | 45.50                 | 130800                                                       | 1.30                                   |              |                       |
| 35                                              | 36100                                            | 42.51                 | 130900                                                       | 1.40                                   |              |                       |
| 39                                              | 32700                                            | 38.57                 | 130700                                                       | 1.55                                   | K 187        | 4                     |
| 45                                              | 28200                                            | 33.23                 | 129800                                                       | 1.75                                   | KH 187       | 4                     |
| 53                                              | 23700                                            | 27.92                 | 127900                                                       | 2.1                                    |              |                       |
| 61                                              | 20500                                            | 24.18                 | 125900                                                       | 2.3                                    |              |                       |
| 74                                              | 17100                                            | 20.15                 | 122800                                                       | 2.6                                    |              |                       |
| 86                                              | 14600                                            | 17.18                 | 119700                                                       | 2.8                                    |              |                       |
| 35                                              | 36400                                            | 42.89                 | 96400                                                        | 0.90                                   |              |                       |
| 41                                              | 31100                                            | 36.61                 | 98600                                                        | 1.05                                   |              |                       |
| 46                                              | 27400                                            | 32.25                 | 99600                                                        | 1.15                                   |              |                       |
| 52                                              | 24400                                            | 28.77                 | 99900                                                        | 1.30                                   | K 167        |                       |
| 61                                              | 20800                                            | 24.52                 | 99800                                                        | 1.55                                   | KH 167       |                       |
| 73                                              | 17200                                            | 20.32                 | 98700                                                        | 1.85                                   |              |                       |
| 86                                              | 14700                                            | 17.34                 | 97300                                                        | 2.2                                    |              |                       |
| 62                                              | 20300                                            | 23.95                 | 43400                                                        | 0.90                                   | K 157        | 4                     |
| 70                                              | 18100                                            | 21.31                 | 45300                                                        | 1.00                                   | KF 157       | 4                     |
| 81                                              | 15600                                            | 18.37                 | 47000                                                        | 1.15                                   | KA 157       | 4                     |
| 100                                             | 12700                                            | 14.92                 | 48500                                                        | 1.40                                   | KAF 157      | 4                     |
| 117                                             | 10700                                            | 12.65                 | 49100                                                        | 1.60                                   |              |                       |
| <b>160kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 28                                              | 54900                                            | 53.36                 | 114900                                                       | 0.90                                   |              |                       |
| 33                                              | 46800                                            | 45.50                 | 118100                                                       | 1.05                                   |              |                       |
| 45                                              | 34200                                            | 33.23                 | 120500                                                       | 1.45                                   |              |                       |
| 53                                              | 28700                                            | 27.92                 | 120100                                                       | 1.75                                   | K 187A       | 4                     |
| 61                                              | 24900                                            | 24.18                 | 119100                                                       | 1.90                                   | KH 187A      | 4                     |
| 74                                              | 20700                                            | 20.15                 | 117200                                                       | 2.1                                    |              |                       |
| 86                                              | 17700                                            | 17.18                 | 114900                                                       | 2.3                                    |              |                       |
| 41                                              | 37700                                            | 36.61                 | 86500                                                        | 0.85                                   |              |                       |
| 61                                              | 25200                                            | 24.52                 | 91700                                                        | 1.25                                   | K 167A       | 4                     |
| 73                                              | 20900                                            | 20.32                 | 92000                                                        | 1.55                                   | KH 167A      | 4                     |
| 86                                              | 17800                                            | 17.34                 | 91600                                                        | 1.80                                   |              |                       |
| 81                                              | 18900                                            | 18.37                 | 39800                                                        | 0.95                                   | K 157A       | 4                     |
| 100                                             | 15400                                            | 14.92                 | 42600                                                        | 1.15                                   | KF 157A      | 4                     |
| 117                                             | 13000                                            | 12.65                 | 44100                                                        | 1.30                                   | KA 157A      | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | KAF 157A     | 4                     |
| <b>200kW</b>                                    |                                                  |                       |                                                              |                                        |              |                       |
| 33                                              | 58500                                            | 45.50                 | 100000                                                       | 0.85                                   |              |                       |
| 45                                              | 42700                                            | 33.23                 | 107300                                                       | 1.15                                   |              |                       |
| 53                                              | 35900                                            | 27.92                 | 109000                                                       | 1.40                                   |              |                       |
| 61                                              | 31100                                            | 24.18                 | 109500                                                       | 1.55                                   | K 187B       | 4                     |
| 74                                              | 25900                                            | 20.15                 | 109100                                                       | 1.70                                   | KH 187B      | 4                     |
| 86                                              | 22100                                            | 17.18                 | 108100                                                       | 1.85                                   |              |                       |
| 61                                              | 31500                                            | 24.52                 | 80100                                                        | 1.00                                   |              |                       |
| 73                                              | 26100                                            | 20.32                 | 82400                                                        | 1.20                                   | K 167B       | 4                     |
| 86                                              | 22300                                            | 17.34                 | 83400                                                        | 1.45                                   | KH 167B      | 4                     |
| 100                                             | 19200                                            | 14.92                 | 34200                                                        | 0.95                                   | K 157B       | 4                     |
| 117                                             | 16300                                            | 12.65                 | 36900                                                        | 1.05                                   | KF 157B      | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | KA 157B      | 4                     |
|                                                 |                                                  |                       |                                                              |                                        | KAF 157B     | 4                     |

K37R17, K47/57R37  $n_a=1400$  r/min

| K37R17 |                  | 200Nm               |                 |
|--------|------------------|---------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{am-ax}$<br>[Nm] | $F_{Re}$<br>[N] |
| 6832   | 0.20             | 200                 | 5640            |
| 5922   | 0.24             | 200                 | 5640            |
| 5491   | 0.25             | 200                 | 5640            |
| 4759   | 0.29             | 200                 | 5640            |
| 4160   | 0.34             | 200                 | 5640            |
| 3645   | 0.38             | 200                 | 5640            |
| 3205   | 0.44             | 200                 | 5640            |
| 2801   | 0.50             | 200                 | 5640            |
| 2454   | 0.57             | 200                 | 5640            |
| 2166   | 0.65             | 200                 | 5640            |
| 1891   | 0.74             | 200                 | 5640            |
| 1660   | 0.84             | 200                 | 5640            |
| 1466   | 0.95             | 200                 | 5640            |
| 1288   | 1.1              | 200                 | 5640            |
| 1136   | 1.2              | 200                 | 5640            |
| 996    | 1.4              | 200                 | 5640            |
| 876    | 1.6              | 200                 | 5640            |
| 761    | 1.8              | 200                 | 5640            |
| 671    | 2.1              | 200                 | 5640            |
| 585    | 2.4              | 200                 | 5640            |
| 512    | 2.7              | 200                 | 5640            |
| 451    | 3.1              | 200                 | 5640            |
| 396    | 3.5              | 200                 | 5640            |
| 346    | 4.0              | 200                 | 5640            |
| 304    | 4.6              | 200                 | 5640            |
| 267    | 5.2              | 200                 | 5640            |
| 234    | 6.0              | 200                 | 5640            |
| 205    | 6.8              | 200                 | 5640            |
| 181    | 7.7              | 200                 | 5640            |
| 160    | 8.8              | 200                 | 5640            |
| 136    | 10               | 200                 | 5640            |
| 127    | 11               | 200                 | 5640            |
| 110    | 13               | 200                 | 5640            |
| 96     | 15               | 200                 | 5640            |

| K47R37 |                  | 400Nm               |                 |
|--------|------------------|---------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{am-ax}$<br>[Nm] | $F_{Re}$<br>[N] |
| 10138  | 0.14             | 400                 | 5920            |
| 8534   | 0.16             | 400                 | 5920            |
| 7662   | 0.18             | 400                 | 5920            |
| 6826   | 0.21             | 400                 | 5920            |
| 5983   | 0.23             | 400                 | 5920            |
| 5159   | 0.27             | 400                 | 5920            |
| 4601   | 0.30             | 400                 | 5920            |
| 3940   | 0.36             | 400                 | 5920            |
| 3477   | 0.40             | 400                 | 5920            |
| 3043   | 0.46             | 400                 | 5920            |
| 2733   | 0.51             | 400                 | 5920            |
| 2354   | 0.59             | 400                 | 5920            |
| 2063   | 0.68             | 400                 | 5920            |
| 1819   | 0.77             | 400                 | 5920            |
| 1586   | 0.88             | 400                 | 5920            |
| 1388   | 1.0              | 400                 | 5920            |
| 1222   | 1.1              | 400                 | 5920            |
| 1097   | 1.3              | 400                 | 5920            |
| 945    | 1.5              | 400                 | 5920            |
| 831    | 1.7              | 400                 | 5920            |
| 718    | 1.9              | 400                 | 5920            |
| 639    | 2.2              | 400                 | 5920            |
| 552    | 2.5              | 400                 | 5920            |
| 495    | 2.8              | 400                 | 5920            |
| 426    | 3.3              | 400                 | 5920            |
| 375    | 3.7              | 400                 | 5920            |
| 327    | 4.3              | 400                 | 5920            |
| 289    | 4.8              | 400                 | 5920            |
| 256    | 5.5              | 400                 | 5920            |
| 225    | 6.2              | 400                 | 5920            |
| 198    | 7.1              | 400                 | 5920            |
| 171    | 8.2              | 400                 | 5920            |
| 153    | 9.2              | 400                 | 5920            |
| 131    | 11               | 400                 | 5920            |
| 112    | 13               | 400                 | 5920            |
| 99     | 14               | 400                 | 5920            |
| 94     | 15               | 400                 | 5920            |

| K57R37 |                  | 6000Nm              |                 |
|--------|------------------|---------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{am-ax}$<br>[Nm] | $F_{Re}$<br>[N] |
| 12169  | 0.12             | 600                 | 7470            |
| 11162  | 0.13             | 600                 | 7470            |
| 9503   | 0.15             | 600                 | 7470            |
| 8547   | 0.16             | 600                 | 7470            |
| 7277   | 0.19             | 600                 | 7470            |
| 6478   | 0.22             | 600                 | 7470            |
| 5662   | 0.25             | 600                 | 7470            |
| 5033   | 0.28             | 600                 | 7470            |
| 4340   | 0.32             | 600                 | 7470            |
| 3854   | 0.36             | 600                 | 7470            |
| 3390   | 0.41             | 600                 | 7470            |
| 2924   | 0.48             | 600                 | 7470            |
| 2593   | 0.54             | 600                 | 7470            |
| 2249   | 0.62             | 600                 | 7470            |
| 1986   | 0.70             | 600                 | 7470            |
| 1743   | 0.80             | 600                 | 7470            |
| 1539   | 0.91             | 600                 | 7470            |
| 1354   | 1.0              | 600                 | 7470            |
| 1174   | 1.2              | 600                 | 7470            |
| 1036   | 1.4              | 600                 | 7470            |
| 906    | 1.5              | 600                 | 7470            |
| 806    | 1.7              | 600                 | 7470            |
| 699    | 2.0              | 600                 | 7470            |
| 615    | 2.3              | 600                 | 7470            |
| 544    | 2.6              | 600                 | 7470            |
| 473    | 3.0              | 600                 | 7470            |
| 421    | 3.3              | 600                 | 7470            |
| 362    | 3.9              | 600                 | 7470            |
| 319    | 4.4              | 600                 | 7470            |
| 280    | 5.0              | 600                 | 7470            |
| 246    | 5.7              | 600                 | 7470            |
| 215    | 6.5              | 600                 | 7470            |
| 192    | 7.3              | 600                 | 7470            |
| 166    | 8.4              | 600                 | 7470            |
| 145    | 9.7              | 600                 | 7470            |
| 129    | 11               | 600                 | 7470            |
| 111    | 13               | 600                 | 7470            |
| 97     | 14               | 600                 | 7470            |

**K67/77R37, K87R57**
 **$n_a=1400$  r/min**

| K67R37 |                  | 820Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 12139  | 0.12             | 820                | 10300           |
| 11134  | 0.13             | 820                | 10300           |
| 9479   | 0.15             | 820                | 10300           |
| 8173   | 0.17             | 820                | 10300           |
| 7259   | 0.19             | 820                | 10300           |
| 6462   | 0.22             | 820                | 10300           |
| 5648   | 0.25             | 820                | 10300           |
| 4846   | 0.29             | 820                | 10300           |
| 4329   | 0.32             | 820                | 10300           |
| 3750   | 0.37             | 820                | 10300           |
| 3315   | 0.42             | 820                | 10300           |
| 2917   | 0.48             | 820                | 10300           |
| 2532   | 0.55             | 820                | 10300           |
| 2244   | 0.62             | 820                | 10300           |
| 1981   | 0.71             | 820                | 10300           |
| 1739   | 0.81             | 820                | 10300           |
| 1535   | 0.91             | 820                | 10300           |
| 1351   | 1.0              | 820                | 10300           |
| 1171   | 1.2              | 820                | 10300           |
| 1034   | 1.4              | 820                | 10300           |
| 903    | 1.6              | 820                | 10300           |
| 793    | 1.8              | 820                | 10300           |
| 697    | 2.0              | 820                | 10300           |
| 613    | 2.3              | 820                | 10300           |
| 542    | 2.6              | 820                | 10300           |
| 471    | 3.0              | 820                | 10300           |
| 420    | 3.3              | 820                | 10300           |
| 361    | 3.9              | 820                | 10300           |
| 323    | 4.3              | 820                | 10300           |
| 279    | 5.0              | 820                | 10300           |
| 246    | 5.7              | 820                | 10300           |
| 217    | 6.5              | 820                | 10300           |
| 191    | 7.3              | 820                | 10300           |
| 166    | 8.4              | 820                | 10300           |
| 144    | 9.7              | 820                | 10300           |
| 122    | 11               | 820                | 10300           |

| K77R37 |                  | 1550Nm             |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 15310  | 0.09             | 1550               | 15400           |
| 14043  | 0.10             | 1550               | 15400           |
| 11955  | 0.12             | 1550               | 15400           |
| 10217  | 0.14             | 1550               | 15400           |
| 8809   | 0.16             | 1550               | 15400           |
| 7528   | 0.19             | 1550               | 15400           |
| 6606   | 0.21             | 1550               | 15400           |
| 5774   | 0.24             | 1550               | 15400           |
| 5089   | 0.28             | 1550               | 15400           |
| 4489   | 0.31             | 1550               | 15400           |
| 3961   | 0.35             | 1550               | 15400           |
| 3485   | 0.40             | 1550               | 15400           |
| 2901   | 0.48             | 1550               | 15400           |
| 2717   | 0.52             | 1550               | 15400           |
| 2370   | 0.59             | 1550               | 15400           |
| 2050   | 0.68             | 1550               | 15400           |
| 1772   | 0.79             | 1550               | 15400           |
| 1514   | 0.92             | 1550               | 15400           |
| 1388   | 1.0              | 1550               | 15400           |
| 1218   | 1.1              | 1550               | 15400           |
| 1053   | 1.3              | 1550               | 15400           |
| 924    | 1.5              | 1550               | 15400           |
| 815    | 1.7              | 1550               | 15400           |
| 709    | 2.0              | 1550               | 15400           |
| 622    | 2.3              | 1550               | 15400           |
| 552    | 2.5              | 1550               | 15400           |
| 485    | 2.9              | 1550               | 15400           |
| 428    | 3.3              | 1550               | 15400           |
| 367    | 3.8              | 1550               | 15400           |
| 328    | 4.3              | 1550               | 15400           |
| 290    | 4.8              | 1550               | 15400           |
| 252    | 5.6              | 1550               | 15400           |
| 221    | 6.3              | 1550               | 15400           |
| 195    | 7.2              | 1550               | 15400           |
| 175    | 8.0              | 1550               | 15400           |
| 154    | 9.1              | 1550               | 15400           |

| K87R57 |                  | 2700Nm             |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 14829  | 0.09             | 2700               | 27300           |
| 13168  | 0.11             | 2700               | 27300           |
| 11737  | 0.12             | 2700               | 27300           |
| 10217  | 0.14             | 2700               | 27300           |
| 9073   | 0.15             | 2700               | 27300           |
| 7854   | 0.18             | 2700               | 27300           |
| 6832   | 0.20             | 2700               | 27300           |
| 5930   | 0.24             | 2700               | 27300           |
| 5240   | 0.27             | 2700               | 27300           |
| 4562   | 0.31             | 2700               | 27300           |
| 4037   | 0.35             | 2700               | 27300           |
| 3609   | 0.39             | 2700               | 27300           |
| 3107   | 0.45             | 2700               | 27300           |
| 2728   | 0.51             | 2700               | 27300           |
| 2371   | 0.59             | 2700               | 27300           |
| 2088   | 0.67             | 2700               | 27300           |
| 1854   | 0.76             | 2700               | 27300           |
| 1657   | 0.84             | 2700               | 27300           |
| 1415   | 0.99             | 2700               | 27300           |
| 1229   | 1.1              | 2700               | 27300           |
| 1078   | 1.3              | 2700               | 27300           |
| 951    | 1.5              | 2700               | 27300           |
| 837    | 1.7              | 2700               | 27300           |
| 726    | 1.9              | 2700               | 27300           |
| 638    | 2.2              | 2700               | 27300           |
| 562    | 2.5              | 2700               | 27300           |
| 474    | 3.3              | 2700               | 27300           |
| 426    | 3.3              | 2700               | 27300           |
| 373    | 3.8              | 2700               | 27300           |
| 330    | 4.2              | 2700               | 27300           |
| 294    | 4.8              | 2700               | 27300           |
| 250    | 5.6              | 2700               | 27300           |
| 236    | 5.9              | 2700               | 27300           |
| 201    | 7.0              | 2700               | 27300           |
| 183    | 7.7              | 2700               | 27300           |
| 159    | 8.8              | 2700               | 27300           |
| 141    | 9.9              | 2700               | 27400           |



**K97R57, K107/127R77**
 **$n_a=1400$  r/min**

| K97R57 |                  | 820Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 18091  | 0.08             | 4300               | 40000           |
| 16666  | 0.08             | 4300               | 40000           |
| 14897  | 0.09             | 4300               | 40000           |
| 13182  | 0.11             | 4300               | 40000           |
| 11677  | 0.12             | 4300               | 40000           |
| 10317  | 0.14             | 4300               | 40000           |
| 9083   | 0.15             | 4300               | 40000           |
| 8054   | 0.17             | 4300               | 40000           |
| 6970   | 0.20             | 4300               | 40000           |
| 6027   | 0.23             | 4300               | 40000           |
| 5391   | 0.26             | 4300               | 40000           |
| 4669   | 0.30             | 4300               | 40000           |
| 4082   | 0.34             | 4300               | 40000           |
| 3583   | 0.39             | 4300               | 40000           |
| 3108   | 0.45             | 4300               | 40000           |
| 2757   | 0.51             | 4300               | 40000           |
| 2419   | 0.58             | 4300               | 40000           |
| 2123   | 0.66             | 4300               | 40000           |
| 1856   | 0.75             | 4300               | 40000           |
| 1625   | 0.86             | 4300               | 40000           |
| 1430   | 0.98             | 4300               | 40000           |
| 1261   | 1.1              | 4300               | 40000           |
| 1102   | 1.3              | 4300               | 40000           |
| 957    | 1.5              | 4300               | 40000           |
| 855    | 1.6              | 4300               | 40000           |
| 743    | 1.9              | 4300               | 40000           |
| 652    | 2.1              | 4300               | 40000           |
| 573    | 2.4              | 4300               | 40000           |
| 504    | 2.8              | 4300               | 40000           |
| 439    | 3.2              | 4300               | 40000           |
| 382    | 3.7              | 4300               | 40000           |
| 342    | 4.1              | 4300               | 40000           |
| 305    | 4.6              | 4300               | 40000           |
| 258    | 5.4              | 4300               | 40000           |
| 232    | 6.0              | 4300               | 40000           |
| 199    | 7.0              | 4300               | 40000           |

| K107R77 |                  | 8000Nm             |                 |
|---------|------------------|--------------------|-----------------|
| i       | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 14311   | 0.10             | 8000               | 65000           |
| 12211   | 0.11             | 8000               | 65000           |
| 10677   | 0.13             | 8000               | 65000           |
| 9524    | 0.15             | 8000               | 65000           |
| 8328    | 0.17             | 8000               | 65000           |
| 7270    | 0.19             | 8000               | 65000           |
| 6184    | 0.23             | 8000               | 65000           |
| 5662    | 0.25             | 8000               | 65000           |
| 5138    | 0.27             | 8000               | 65000           |
| 4359    | 0.32             | 8000               | 65000           |
| 3810    | 0.37             | 8000               | 65000           |
| 3358    | 0.42             | 8000               | 65000           |
| 2977    | 0.47             | 8000               | 65000           |
| 2599    | 0.54             | 8000               | 65000           |
| 2286    | 0.61             | 8000               | 65000           |
| 1939    | 0.72             | 8000               | 65000           |
| 1713    | 0.82             | 8000               | 65000           |
| 1554    | 0.90             | 8000               | 65000           |
| 1336    | 1.0              | 8000               | 65000           |
| 1166    | 1.2              | 8000               | 65000           |
| 1030    | 1.4              | 8000               | 65000           |
| 904     | 1.5              | 8000               | 65000           |
| 793     | 1.8              | 8000               | 65000           |
| 696     | 2.0              | 8000               | 65000           |
| 615     | 2.3              | 8000               | 65000           |
| 522     | 2.7              | 8000               | 65000           |
| 461     | 3.0              | 8000               | 65000           |
| 408     | 3.4              | 8000               | 65000           |
| 364     | 3.8              | 8000               | 65000           |
| 318     | 4.4              | 8000               | 65000           |
| 286     | 4.9              | 8000               | 65000           |
| 251     | 5.6              | 8000               | 65000           |
| 222     | 6.3              | 8000               | 65000           |
| 196     | 7.1              | 8000               | 65000           |
| 174     | 8.0              | 7200               | 65000           |
| 154     | 9.1              | 7200               | 65000           |
| 140     | 10               | 7200               | 65000           |

| K127R77 |                  | 13000Nm            |                 |
|---------|------------------|--------------------|-----------------|
| i       | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 17550   | 0.08             | 13000              | 79200           |
| 16006   | 0.09             | 13000              | 79200           |
| 14975   | 0.09             | 13000              | 79200           |
| 12440   | 0.11             | 13000              | 79200           |
| 10915   | 0.13             | 13000              | 79200           |
| 9819    | 0.14             | 13000              | 79200           |
| 8443    | 0.17             | 13000              | 79200           |
| 7482    | 0.19             | 13000              | 79200           |
| 6565    | 0.21             | 13000              | 79200           |
| 5804    | 0.24             | 13000              | 79200           |
| 5027    | 0.28             | 13000              | 79200           |
| 4423    | 0.32             | 13000              | 79200           |
| 3889    | 0.36             | 13000              | 79200           |
| 3311    | 0.42             | 13000              | 79200           |
| 3009    | 0.47             | 13000              | 79200           |
| 2607    | 0.54             | 13000              | 79200           |
| 2268    | 0.62             | 13000              | 79200           |
| 1926    | 0.73             | 13000              | 79200           |
| 1757    | 0.80             | 13000              | 79200           |
| 1541    | 0.91             | 13000              | 79200           |
| 1342    | 1.0              | 13000              | 79200           |
| 1177    | 1.2              | 13000              | 79200           |
| 1025    | 1.4              | 13000              | 79200           |
| 899     | 1.6              | 13000              | 79200           |
| 790     | 1.8              | 13000              | 79200           |
| 704     | 2.0              | 13000              | 79200           |
| 610     | 2.3              | 13000              | 79200           |
| 549     | 2.6              | 13000              | 79200           |
| 477     | 2.9              | 13000              | 79200           |
| 418     | 3.3              | 13000              | 79200           |

K 127R87, K 157R97, K 157R107  $n_s=1400$  r/min

| K127R87 |                  | 13000Nm             |                 |
|---------|------------------|---------------------|-----------------|
| i       | $n_a$<br>[r/min] | $M_{amax}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 536     | 2.6              | 13000               | 79200           |
| 473     | 3.0              | 13000               | 79200           |
| 418     | 3.3              | 13000               | 79200           |
| 367     | 3.8              | 13000               | 79200           |
| 330     | 4.2              | 13000               | 79200           |
| 287     | 4.9              | 13000               | 79200           |
| 253     | 5.5              | 13000               | 79200           |
| 213     | 6.6              | 13000               | 79200           |
| 200     | 7.0              | 13000               | 79200           |
| 166     | 8.4              | 13000               | 79200           |
| 147     | 9.5              | 13000               | 79200           |

| K157R97 |                  | 18000Nm             |                 |
|---------|------------------|---------------------|-----------------|
| i       | $n_a$<br>[r/min] | $M_{amax}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 17679   | 0.08             | 18000               | 112200          |
| 15729   | 0.09             | 18000               | 112200          |
| 14721   | 0.10             | 18000               | 112200          |
| 13097   | 0.11             | 18000               | 112200          |
| 11368   | 0.12             | 18000               | 112200          |
| 10114   | 0.14             | 18000               | 112200          |
| 8718    | 0.16             | 18000               | 112200          |
| 7734    | 0.18             | 18000               | 112200          |
| 6881    | 0.20             | 18000               | 112200          |
| 5931    | 0.24             | 18000               | 112200          |
| 5074    | 0.28             | 18000               | 112200          |
| 4514    | 0.31             | 18000               | 112200          |
| 3979    | 0.35             | 18000               | 112200          |
| 3516    | 0.40             | 18000               | 112200          |
| 3051    | 0.46             | 18000               | 112200          |
| 2610    | 0.54             | 18000               | 112200          |
| 2322    | 0.60             | 18000               | 112200          |
| 2029    | 0.69             | 18000               | 112200          |
| 1805    | 0.78             | 18000               | 112200          |
| 1659    | 0.84             | 18000               | 112200          |
| 1365    | 1.0              | 18000               | 112200          |
| 1229    | 1.1              | 18000               | 112200          |
| 1093    | 1.3              | 18000               | 112200          |
| 942     | 1.5              | 18000               | 112200          |
| 854     | 1.6              | 18000               | 112200          |
| 756     | 1.9              | 18000               | 112200          |
| 661     | 2.1              | 18000               | 112200          |
| 567     | 2.5              | 18000               | 112200          |
| 504     | 2.8              | 18000               | 112200          |
| 434     | 3.2              | 18000               | 112200          |
| 379     | 3.7              | 18000               | 112200          |
| 333     | 4.2              | 18000               | 112200          |
| 291     | 4.8              | 18000               | 112200          |

| K157R107 |                  | 18000Nm             |                 |
|----------|------------------|---------------------|-----------------|
| i        | $n_a$<br>[r/min] | $M_{amax}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 385      | 3.6              | 18000               | 112200          |
| 325      | 4.3              | 18000               | 112200          |
| 299      | 4.7              | 18000               | 112200          |
| 253      | 5.5              | 18000               | 112200          |
| 230      | 6.1              | 18000               | 112200          |
| 213      | 6.6              | 18000               | 112200          |
| 187      | 7.5              | 18000               | 112200          |
| 157      | 8.9              | 18000               | 112200          |
| 122      | 11               | 18000               | 106500          |
| 107      | 13               | 18000               | 100700          |

K 167/187R97, K 167/187R107  $n_s=1400$  r/min

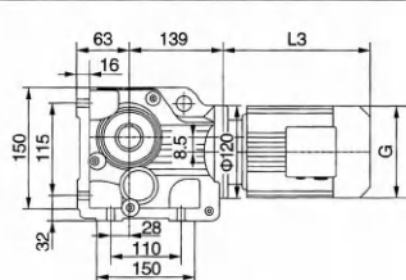
| K167R97 |                  | 32000Nm            |                 |
|---------|------------------|--------------------|-----------------|
| i       | $n_a$<br>[r/min] | $M_{max}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 19723   | 0.07             | 32000              | 15000           |
| 17406   | 0.08             | 32000              | 15000           |
| 15000   | 0.09             | 32000              | 15000           |
| 13238   | 0.11             | 32000              | 15000           |
| 11573   | 0.12             | 32000              | 15000           |
| 10264   | 0.14             | 32000              | 15000           |
| 8628    | 0.16             | 32000              | 15000           |
| 6562    | 0.21             | 32000              | 15000           |
| 5355    | 0.26             | 32000              | 15000           |
| 4788    | 0.29             | 32000              | 15000           |
| 4079    | 0.34             | 32000              | 15000           |
| 3376    | 0.41             | 32000              | 15000           |
| 2755    | 0.51             | 32000              | 15000           |
| 2263    | 0.62             | 32000              | 15000           |
| 2182    | 0.64             | 32000              | 15000           |
| 1704    | 0.82             | 32000              | 15000           |
| 1408    | 0.99             | 32000              | 15000           |
| 1296    | 1.1              | 32000              | 15000           |
| 1101    | 1.3              | 32000              | 15000           |
| 944     | 1.5              | 32000              | 15000           |
| 843     | 1.7              | 32000              | 15000           |
| 757     | 1.8              | 32000              | 15000           |
| 632     | 2.2              | 32000              | 15000           |
| 561     | 2.5              | 32000              | 15000           |
| 481     | 2.9              | 32000              | 15000           |
| 423     | 3.3              | 32000              | 15000           |
| 369     | 3.8              | 32000              | 15000           |

| K167R107 |                  | 32000Nm            |                 |
|----------|------------------|--------------------|-----------------|
| i        | $n_a$<br>[r/min] | $M_{max}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 318      | 4.4              | 32000              | 15000           |
| 278      | 5.0              | 32000              | 15000           |
| 244      | 5.7              | 32000              | 15000           |
| 213      | 6.6              | 32000              | 15000           |
| 206      | 6.8              | 32000              | 15000           |
| 180      | 7.8              | 32000              | 15000           |
| 160      | 8.8              | 32000              | 15000           |
| 135      | 10               | 32000              | 15000           |
| 118      | 12               | 32000              | 15000           |

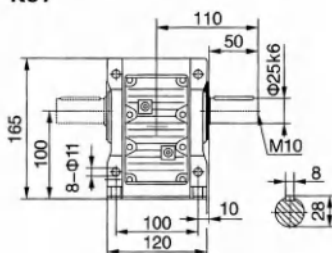
| K187R97 |                  | 50000Nm            |                 |
|---------|------------------|--------------------|-----------------|
| i       | $n_a$<br>[r/min] | $M_{max}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 32625   | 0.04             | 50000              | 190000          |
| 27165   | 0.05             | 50000              | 190000          |
| 24353   | 0.06             | 50000              | 190000          |
| 19144   | 0.07             | 50000              | 190000          |
| 16978   | 0.08             | 50000              | 190000          |
| 14272   | 0.10             | 50000              | 190000          |
| 13116   | 0.11             | 50000              | 190000          |
| 11647   | 0.12             | 50000              | 190000          |
| 10413   | 0.13             | 50000              | 190000          |
| 9363    | 0.15             | 50000              | 190000          |
| 8126    | 0.17             | 50000              | 190000          |
| 7343    | 0.19             | 50000              | 190000          |
| 6747    | 0.21             | 50000              | 190000          |
| 5991    | 0.23             | 50000              | 190000          |
| 5358    | 0.26             | 50000              | 190000          |
| 4817    | 0.29             | 50000              | 190000          |
| 4370    | 0.32             | 50000              | 190000          |
| 3609    | 0.39             | 50000              | 190000          |
| 3062    | 0.46             | 50000              | 190000          |
| 2818    | 0.50             | 50000              | 190000          |
| 2519    | 0.56             | 50000              | 190000          |
| 2268    | 0.62             | 50000              | 190000          |
| 2054    | 0.68             | 50000              | 190000          |
| 1821    | 0.77             | 50000              | 190000          |
| 1605    | 0.87             | 50000              | 190000          |
| 1395    | 1.0              | 50000              | 190000          |
| 1196    | 1.2              | 50000              | 190000          |
| 1046    | 1.3              | 50000              | 190000          |
| 945     | 1.5              | 50000              | 190000          |
| 738     | 1.9              | 50000              | 190000          |
| 621     | 2.3              | 50000              | 190000          |
| 527     | 2.7              | 50000              | 190000          |

| K187R107 |                  | 50000Nm            |                 |
|----------|------------------|--------------------|-----------------|
| i        | $n_a$<br>[r/min] | $M_{max}$<br>[N/m] | $F_{Ra}$<br>[N] |
| 835      | 1.7              | 50000              | 190000          |
| 729      | 1.9              | 50000              | 190000          |
| 622      | 2.3              | 50000              | 190000          |
| 520      | 2.7              | 50000              | 190000          |
| 454      | 3.1              | 50000              | 190000          |
| 355      | 3.9              | 50000              | 190000          |
| 261      | 5.4              | 50000              | 190000          |
| 221      | 6.3              | 50000              | 190000          |
| 193      | 7.3              | 50000              | 190000          |
| 163      | 8.6              | 50000              | 190000          |

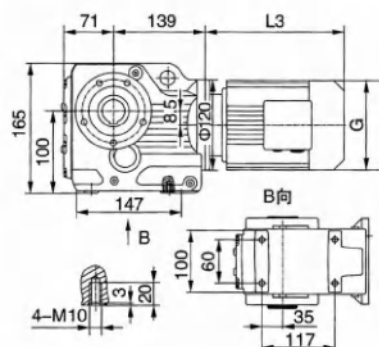
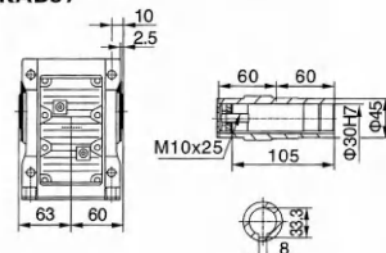




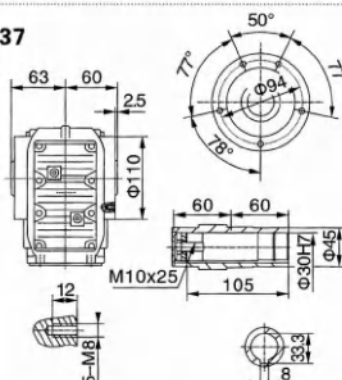
K37



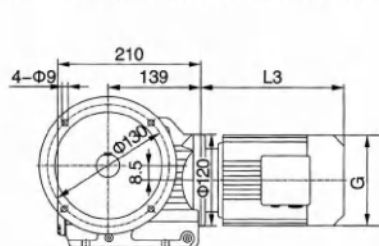
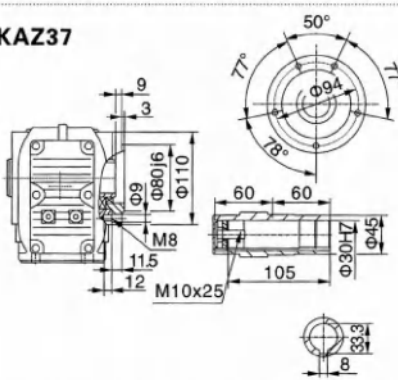
KAB37



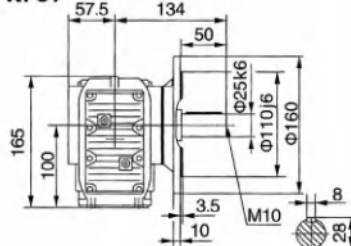
KA37



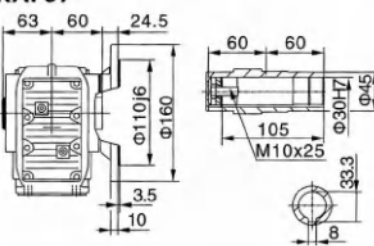
KAZ37



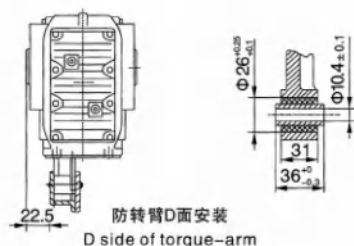
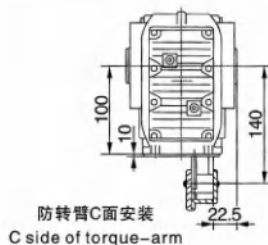
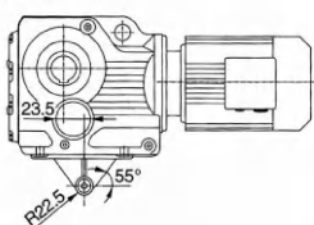
KF37



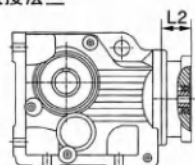
KAF37



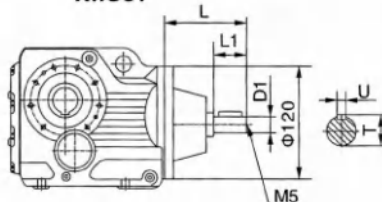
KAT37



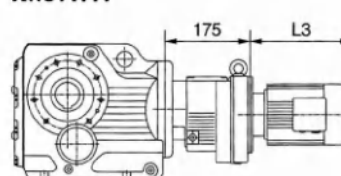
电机需方配或配特殊电机时  
需加联接法兰



K..S37



K..37R17

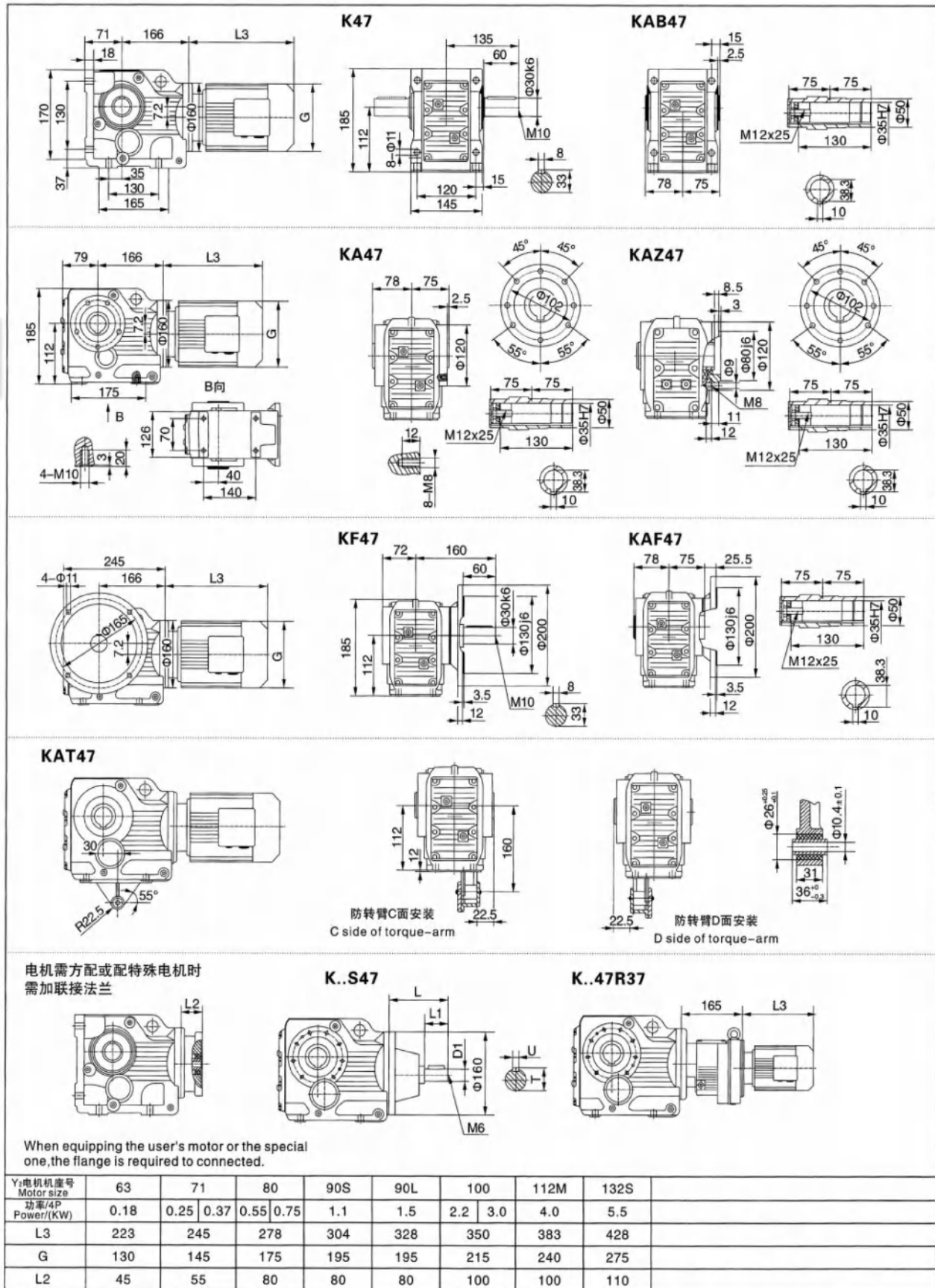


When equipping the user's motor or the special  
one, the flange is required to be connected.

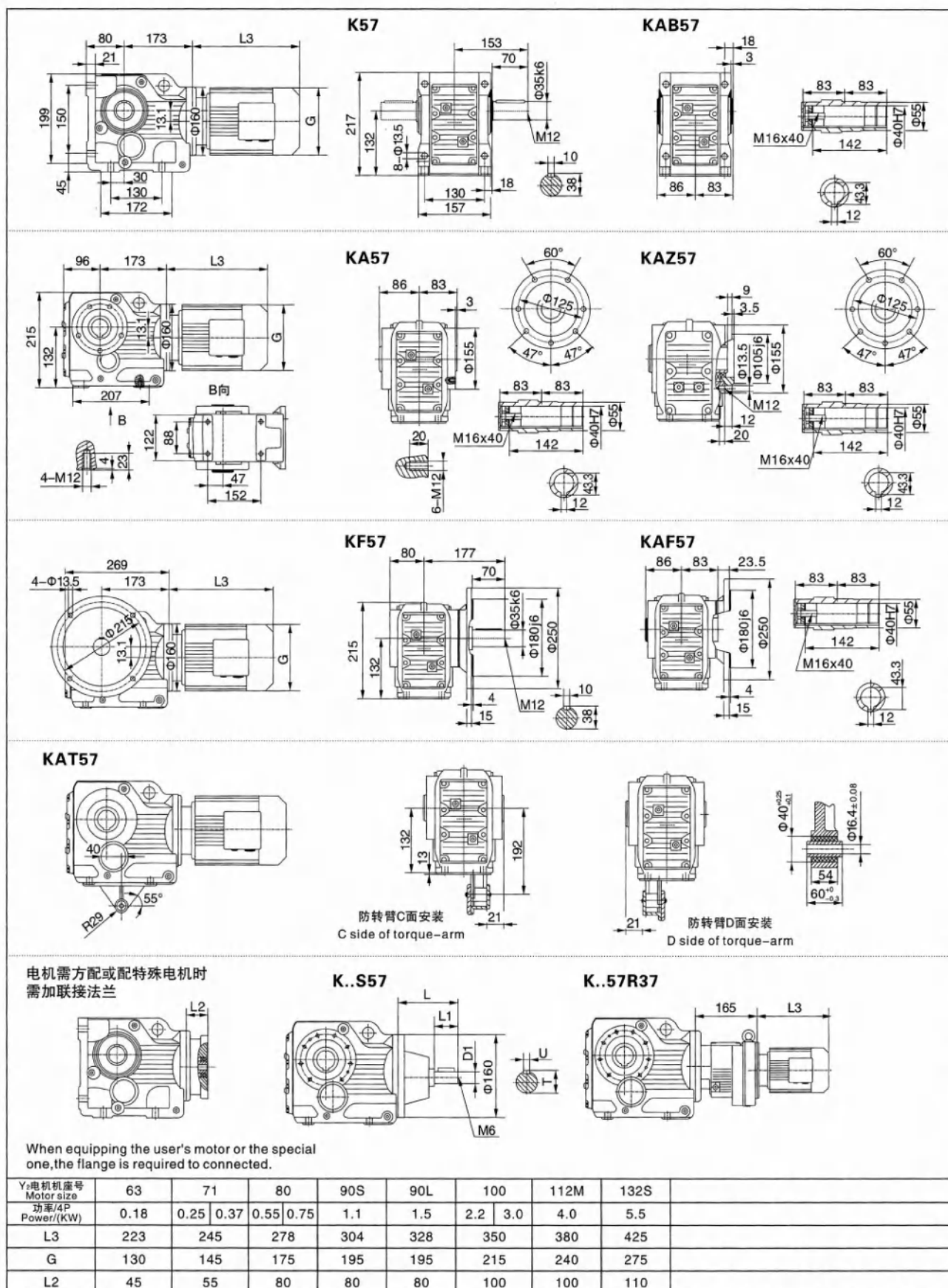
| Y <sub>2</sub> 电机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100     |  |
|-----------------------------------|------|-----------|-----------|-----|-----|---------|--|
| 功率/4P<br>Power/(KW)               | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 |  |
| L3                                | 235  | 245       | 278       | 304 | 328 | 340     |  |
| G                                 | 130  | 145       | 175       | 195 | 195 | 215     |  |
| L2                                | 45   | 92        | 80        | 80  | 80  | 80      |  |

注: 1.KA、KF、KAF、KAZ壳体为通用件, 安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。

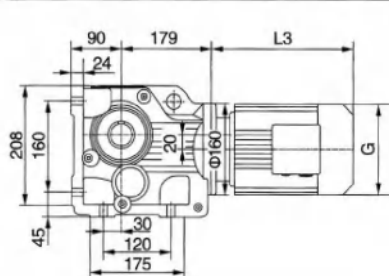
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



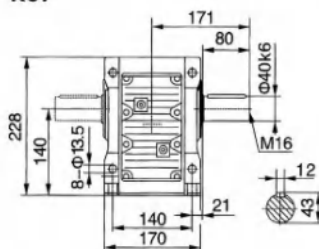




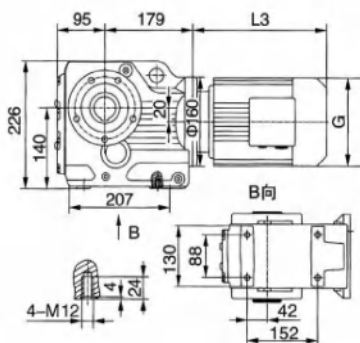
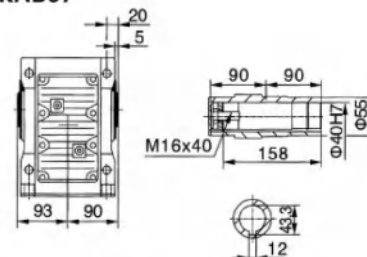




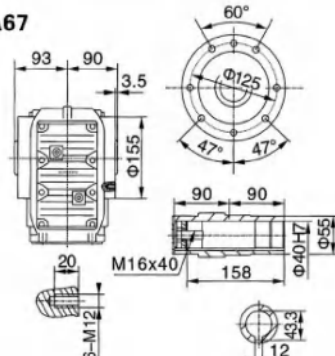
K67



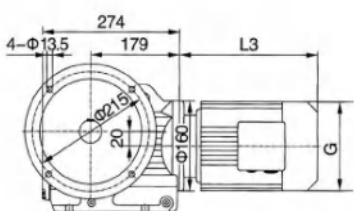
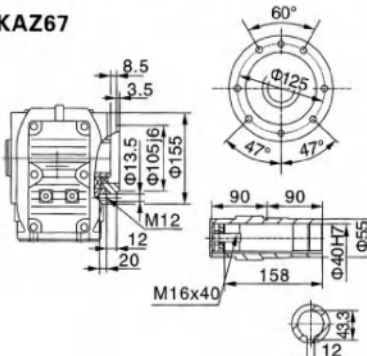
KAB67



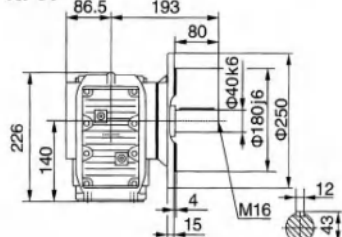
KA67



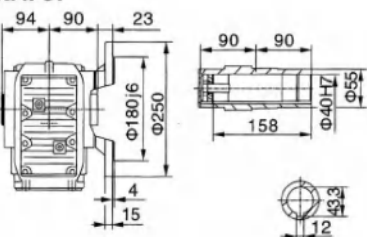
KAZ67



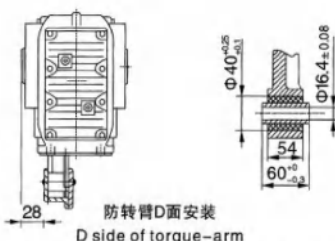
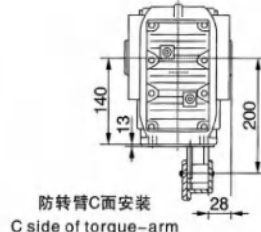
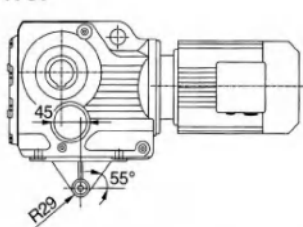
KF67



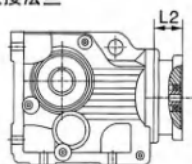
KAF67



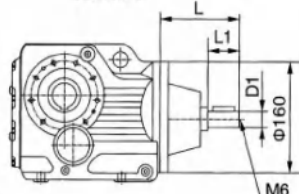
KAT67



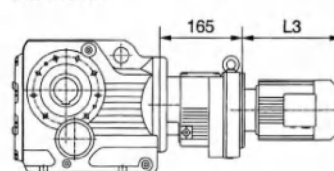
电机需方配或配特殊电机时  
需加联接法兰



K..S67



K..67R37

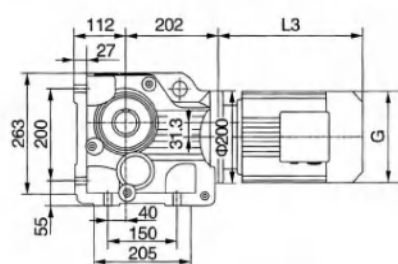


When equipping the user's motor or the special  
one, the flange is required to connected.

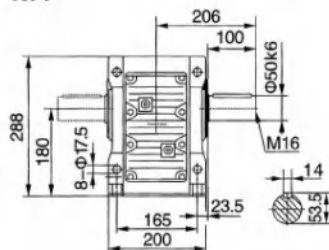
| Y <sub>2</sub> 电机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L | 100     | 112M | 132S |  |
|-----------------------------------|------|-----------|-----------|-----|-----|---------|------|------|--|
| 功率/4P<br>Power/(KW)               | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  |  |
| L3                                | 223  | 245       | 278       | 304 | 328 | 350     | 380  | 425  |  |
| G                                 | 130  | 145       | 175       | 195 | 195 | 215     | 240  | 275  |  |
| L2                                | 45   | 55        | 80        | 80  | 80  | 100     | 100  | 110  |  |

注: 1.KA、KF、KAF、KAZ壳体为通用件, 安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB.

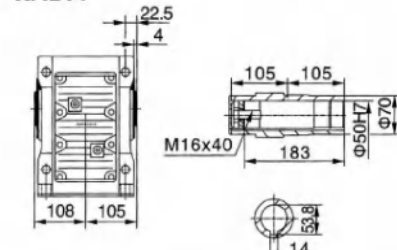
Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



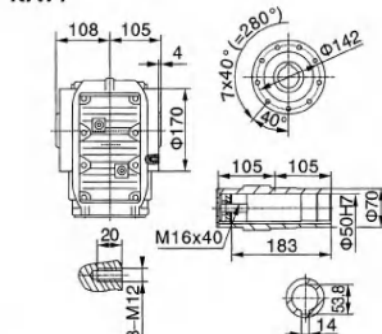
K77



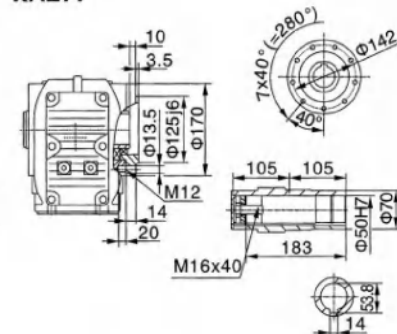
KAB77



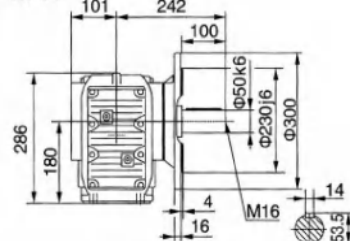
KA77



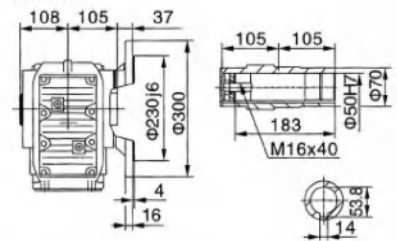
KAZ77



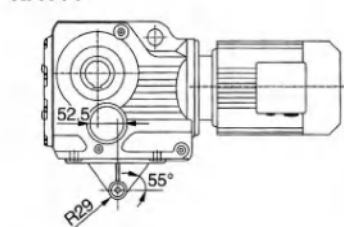
KF77



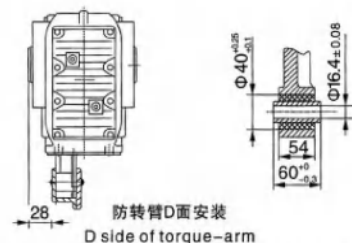
KAF77



KAT77

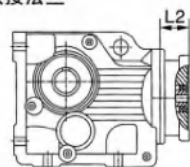


防转臂C面安装  
C side of torque-arm

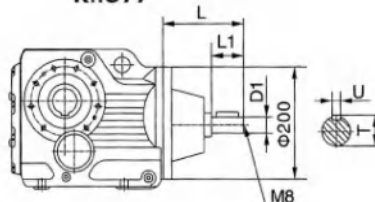


防转臂D面安装  
D side of torque-arm

电机需方配或配特殊电机时  
需加联接法兰



K..S77



K..77R37

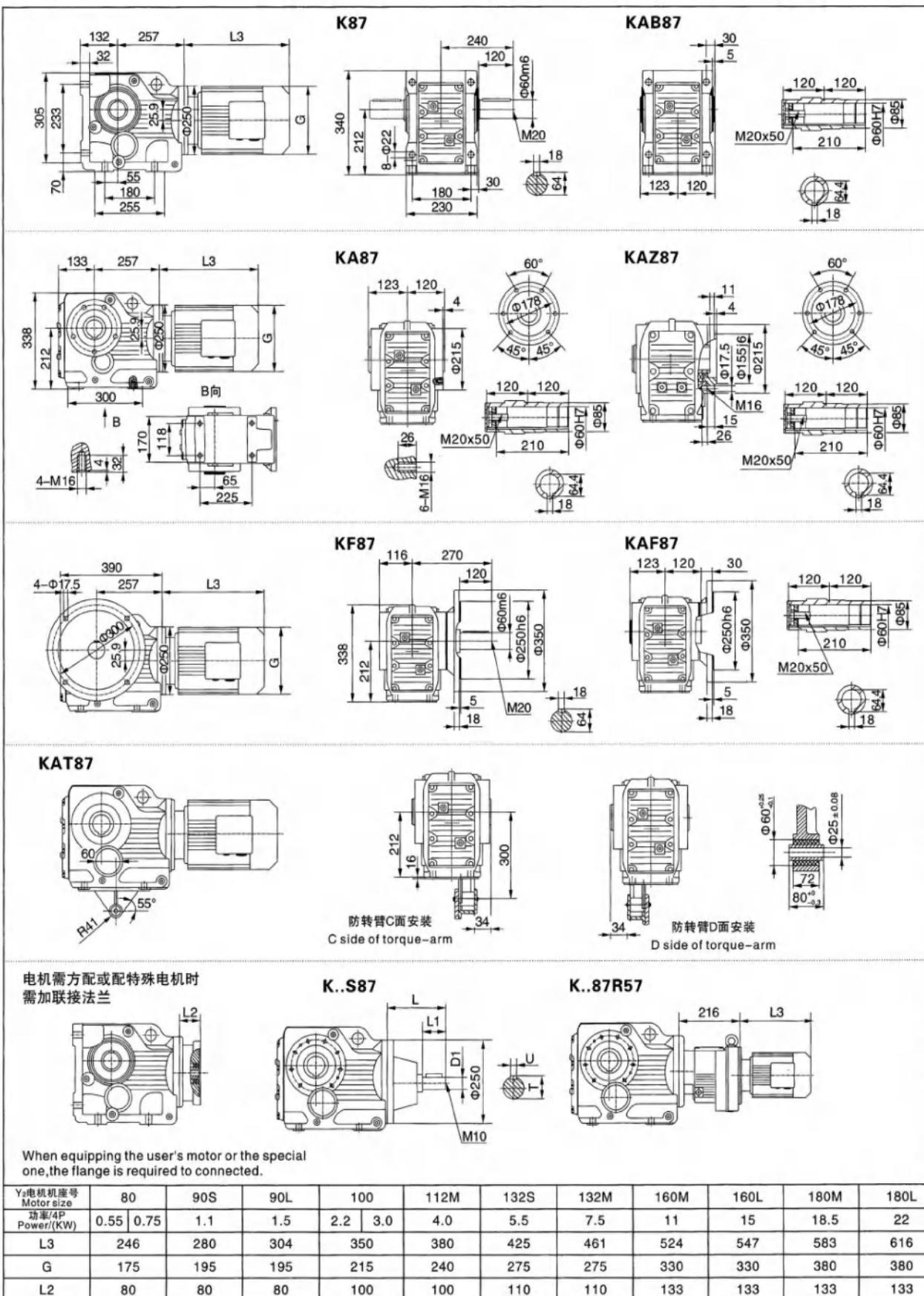
When equipping the user's motor or the special one, the flange is required to be connected.

| Y <sub>2</sub> 电机机座号<br>Motor size | 71   | 80        | 90S | 90L | 100     | 112M | 132S | 132M | 160M |  |
|------------------------------------|------|-----------|-----|-----|---------|------|------|------|------|--|
| 功率/4P<br>Power/(KW)                | 0.37 | 0.55 0.75 | 1.1 | 1.5 | 2.2 3.0 | 4.0  | 5.5  | 7.5  | 11   |  |
| L3                                 | 233  | 278       | 304 | 328 | 350     | 380  | 425  | 461  | 524  |  |
| G                                  | 145  | 175       | 195 | 195 | 215     | 240  | 275  | 275  | 330  |  |
| L2                                 | 55   | 80        | 80  | 80  | 100     | 100  | 110  | 110  | 133  |  |

注: 1.KA、KF、KAF、KAZ壳体为通用件, 安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

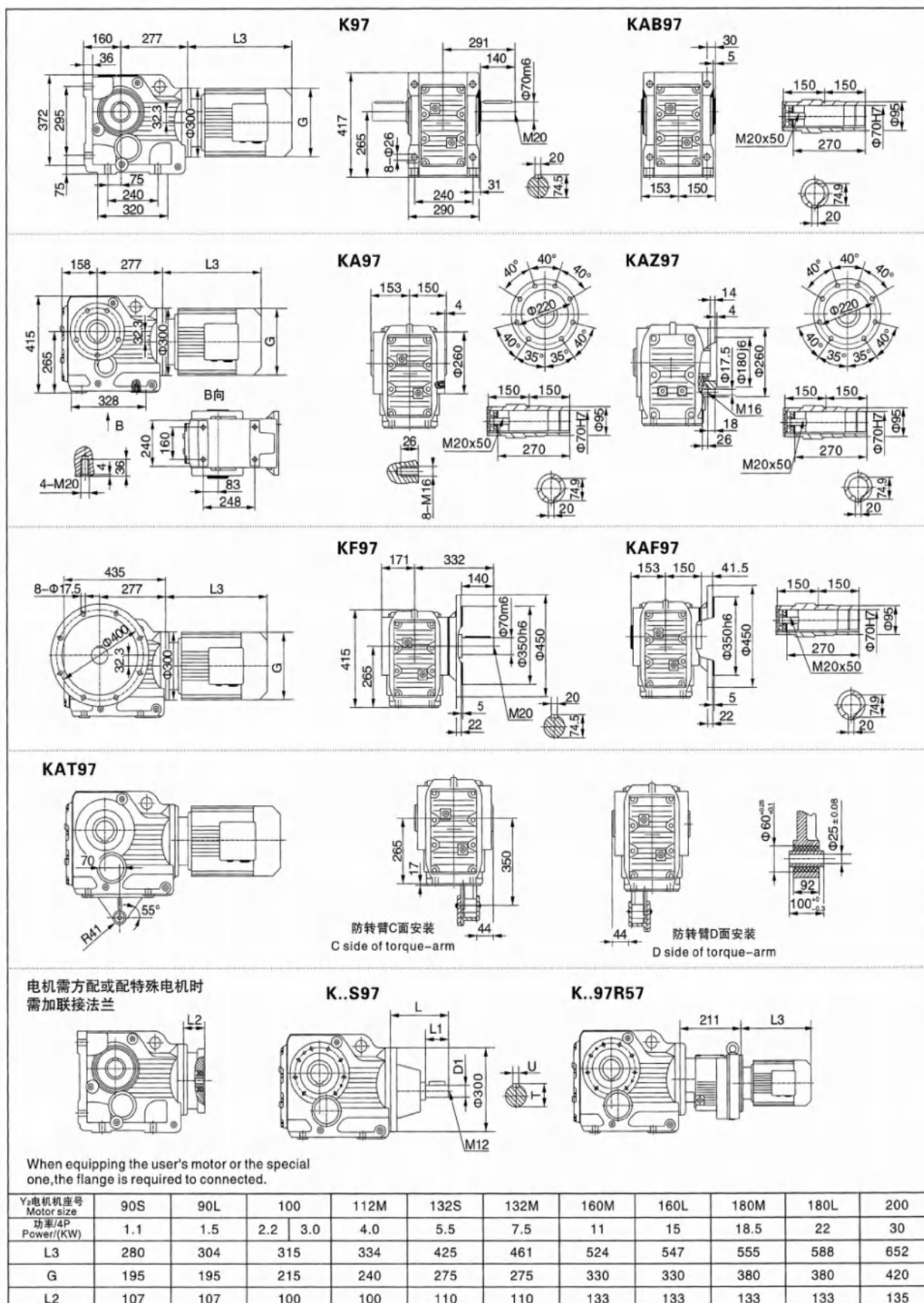


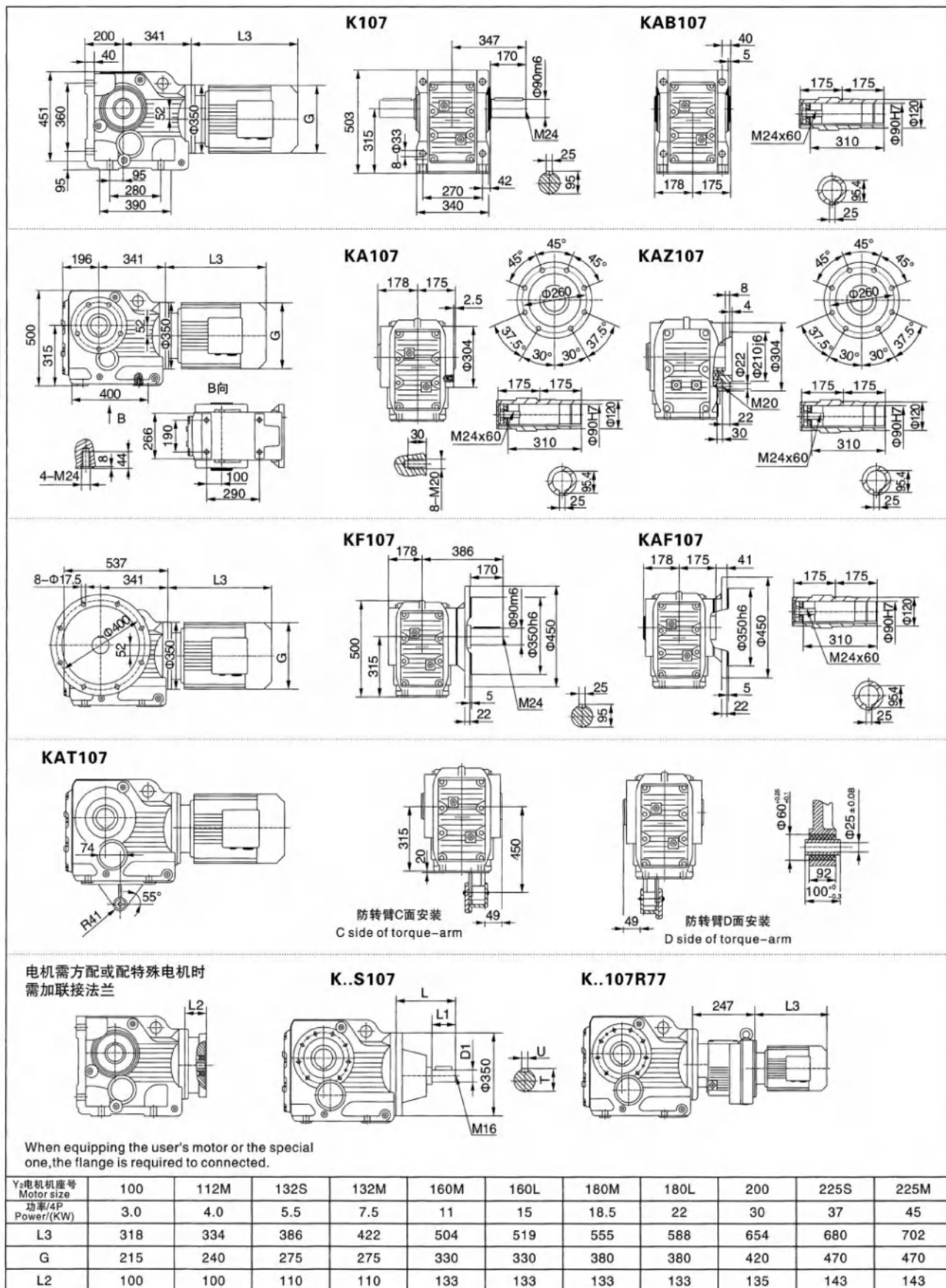


注：1.KA、KF、KAF、KAZ壳体为通用件，安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



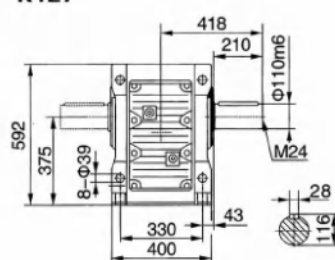
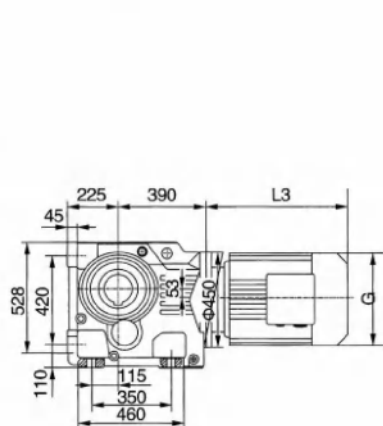




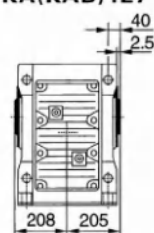
注：1.KA、KF、KAF、KAZ壳体为通用件，安装尺寸均可相互参照。 2.“K..”表示K、KA、KF、KAF、KAZ、KAB。

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2.“K..”mean K、KA、KF、KAF、KAZ、KAB.

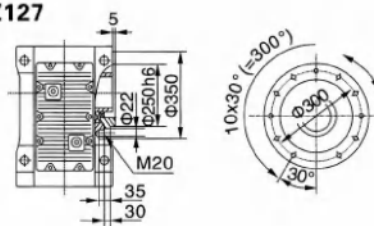
K127



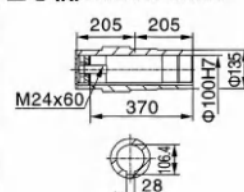
KA(KAB)127



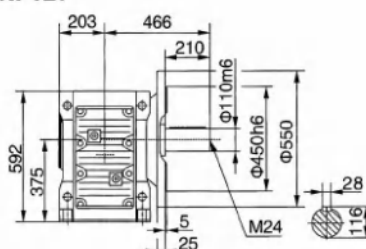
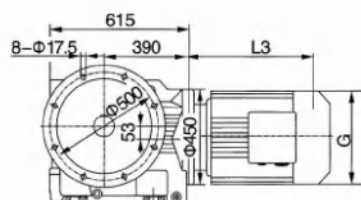
KAZ127



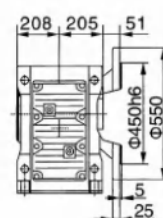
KA127/KAF127/KAZ127  
空心轴/Hollow shaft



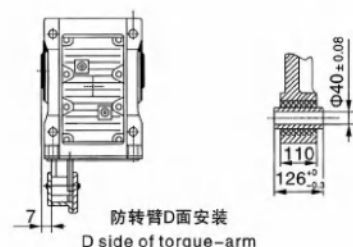
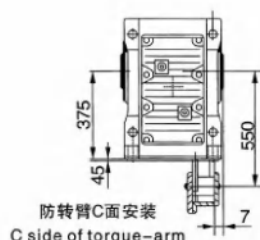
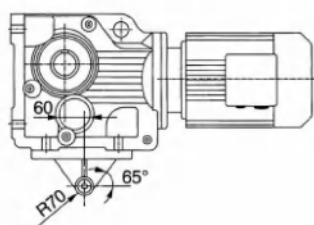
KF127



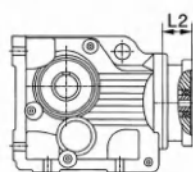
KAF127



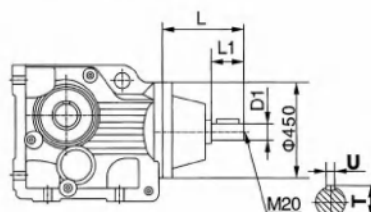
KAT127



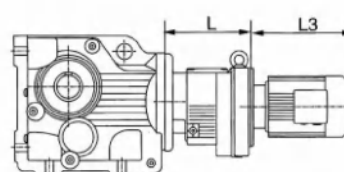
电机需方配或配特殊电机时  
需加联接法兰



K..S127



K..127R77(R87)



When equipping the user's motor or the special one, the flange is required to be connected.

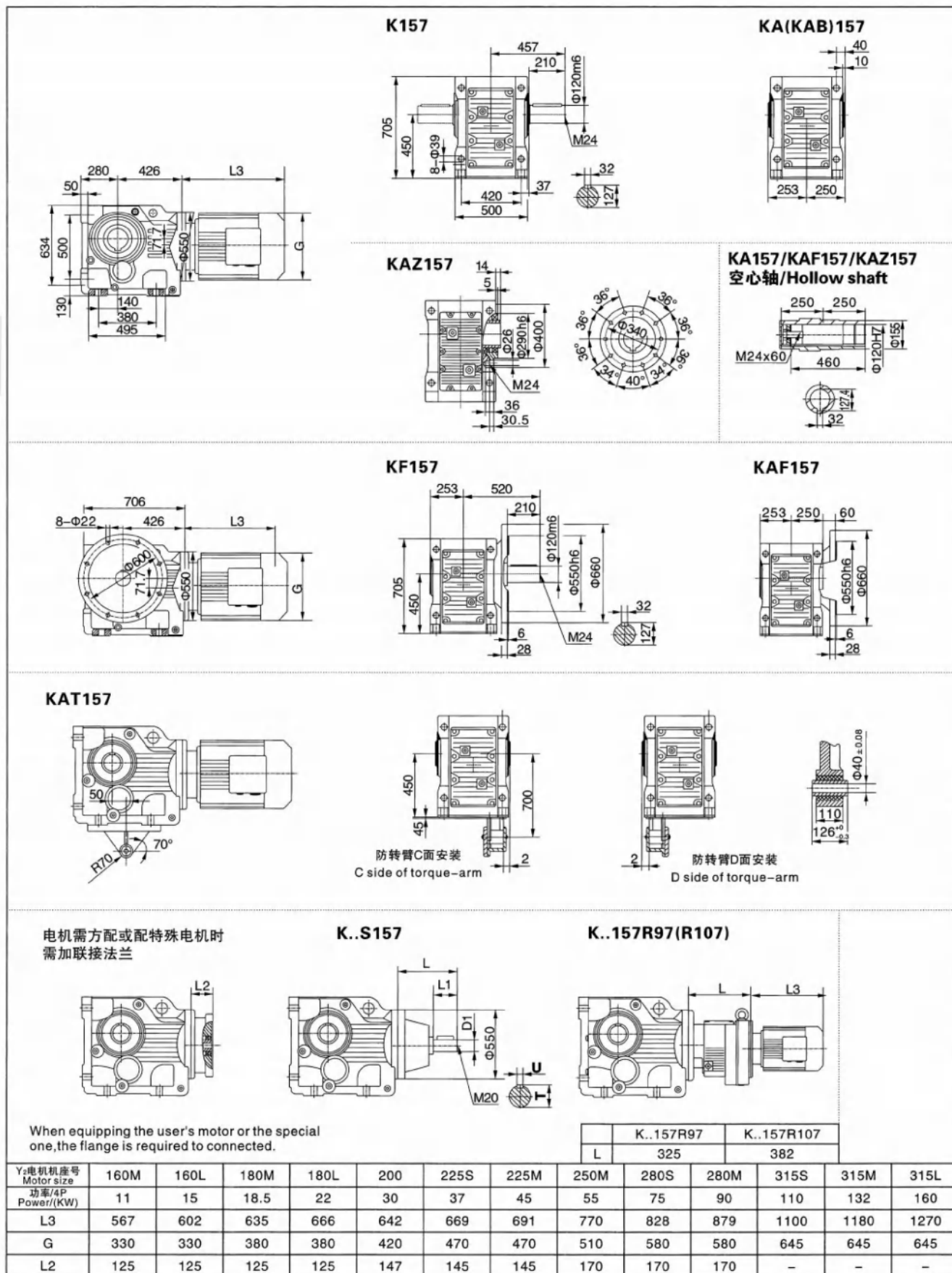
|   | K..127R77 | K..127R87 |
|---|-----------|-----------|
| L | 232       | 280       |

| Y <sub>2</sub> 电机座号<br>Motor size | 132M | 160M | 160L | 180M | 180L | 200 | 225S | 225M | 250 | 280S | 280M |
|-----------------------------------|------|------|------|------|------|-----|------|------|-----|------|------|
| 功率/4P<br>Power/(KW)               | 7.5  | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   | 55  | 75   | 90   |
| L3                                | 424  | 567  | 602  | 583  | 616  | 654 | 674  | 696  | 775 | 847  | 847  |
| G                                 | 275  | 330  | 330  | 380  | 380  | 420 | 470  | 470  | 510 | 580  | 580  |
| L2                                | 125  | 125  | 125  | 125  | 125  | 147 | 162  | 162  | 170 | 170  | 170  |

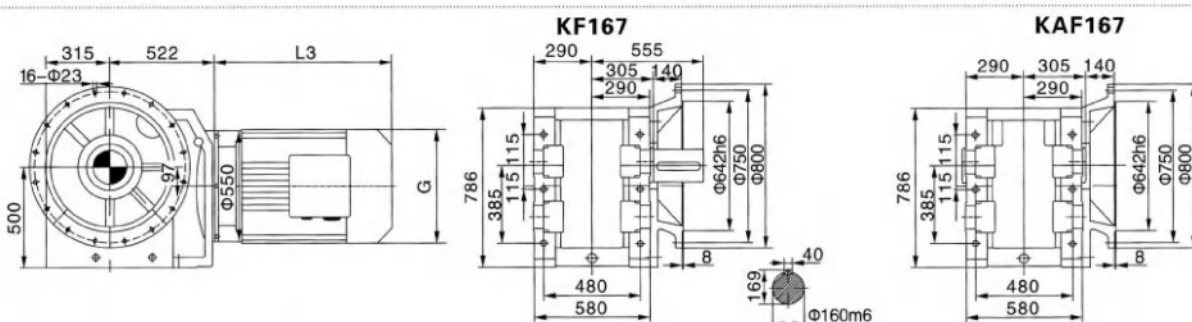
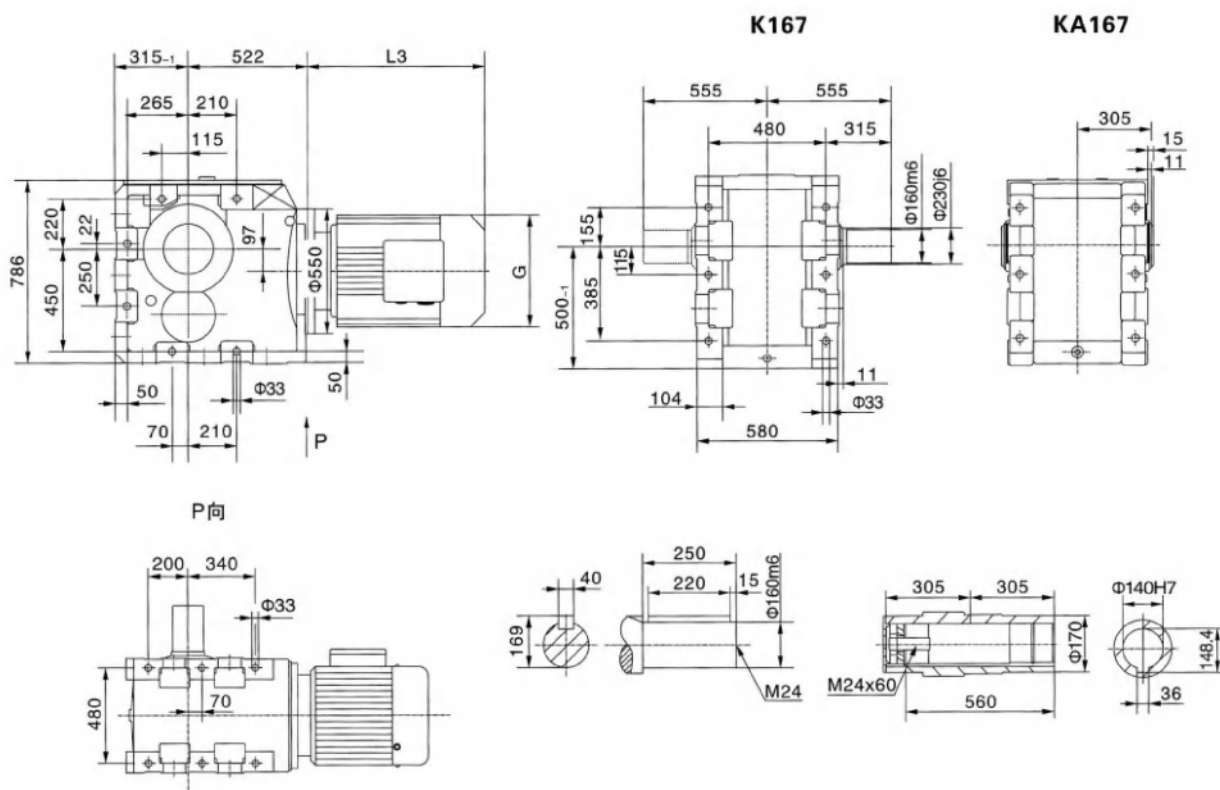
注: 1.KA、KF、KAF、KAZ壳体为通用件, 安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB.

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



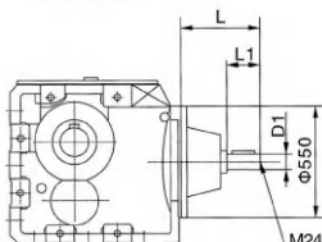
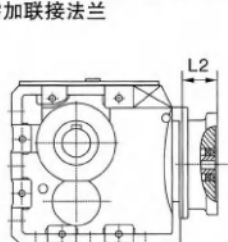


注：1.KA、KF、KAF、KAZ壳体为通用件，安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。  
 Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.

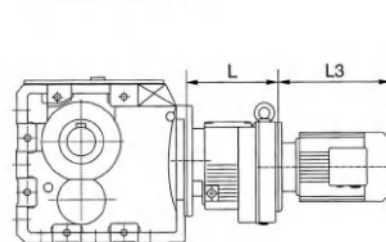


电机需方配或配特殊电机时  
需加联接法兰

**K..S167**



**K..167R97(R107)**

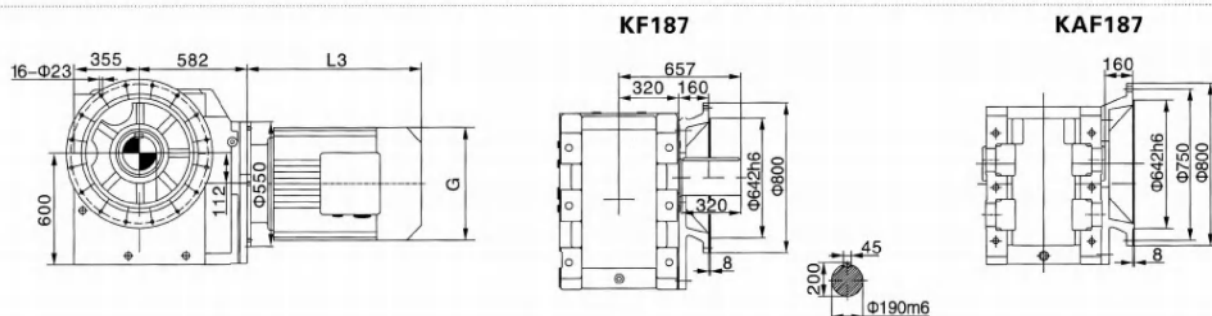
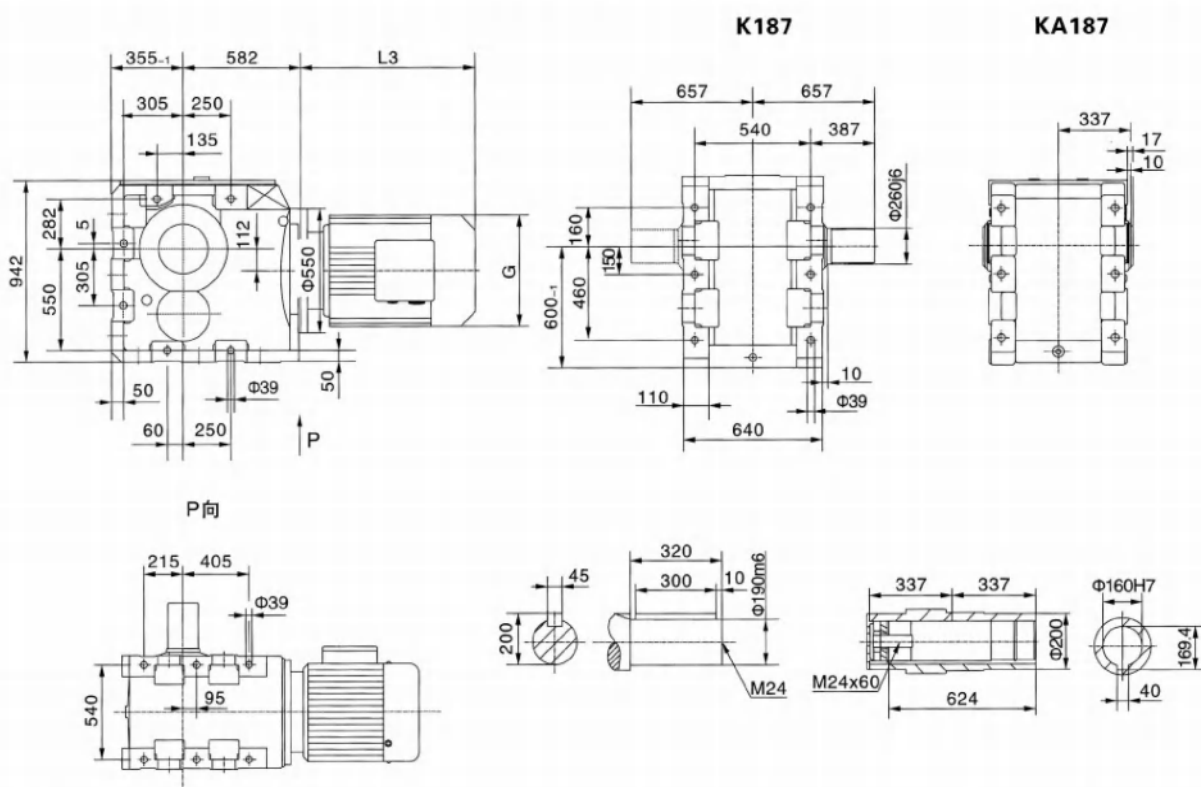


When equipping the user's motor or the special  
one, the flange is required to be connected.

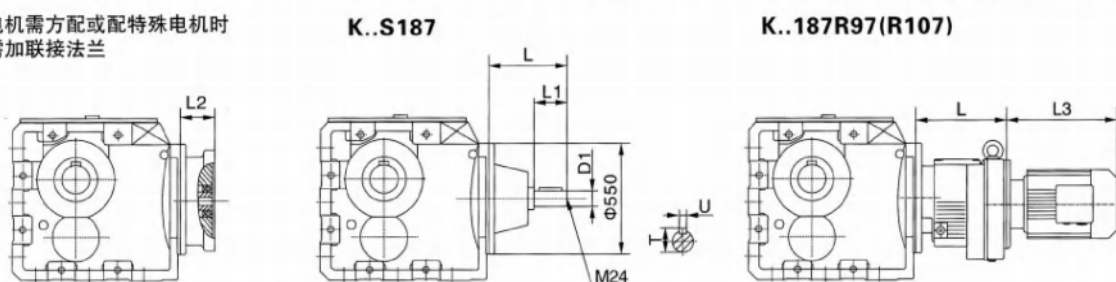
| Y <sub>2</sub> 电机座号<br>Motor size | 160M | 160L | 180M | 180L | 200 | 225S | 225M | 250M | 280S | K..167R97 |      | K..167R107 |      |
|-----------------------------------|------|------|------|------|-----|------|------|------|------|-----------|------|------------|------|
|                                   |      |      |      |      |     |      |      |      |      | L         | 325  | 382        |      |
| 功率/4P<br>Power/(KW)               | 11   | 15   | 18.5 | 22   | 30  | 37   | 45   | 55   | 75   | 280M      | 315S | 315M       | 315L |
| L3                                | 492  | 537  | 593  | 633  | 646 | 673  | 698  | 779  | 847  | 847       | 1100 | 1180       | 1270 |
| G                                 | 330  | 330  | 380  | 380  | 420 | 470  | 470  | 510  | 580  | 580       | 645  | 645        | 645  |
| L2                                | 125  | 125  | 125  | 125  | 147 | 145  | 145  | 170  | 170  | 170       | -    | -          | -    |

注：1.KA、KF、KAF、KAZ壳体为通用件，安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB



电机需方配或配特殊电机时  
需加联接法兰



When equipping the user's motor or the special  
one, the flange is required to be connected.

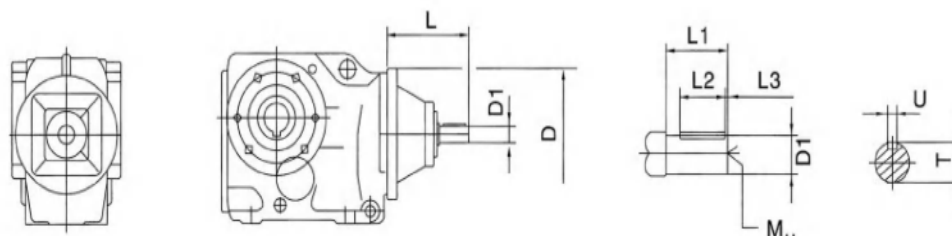
| Y <sub>2</sub> 电机座号<br>Motor size | K..187R97 |      |      |      |     |      |      |      |      | K..187R107 |      |      |      |
|-----------------------------------|-----------|------|------|------|-----|------|------|------|------|------------|------|------|------|
|                                   | L         |      |      |      |     |      |      |      |      | 325        |      |      |      |
| 功率/4P<br>Power/(KW)               | 160M      | 160L | 180M | 180L | 200 | 225S | 225M | 250M | 280S | 280M       | 315S | 315M | 315L |
| L3                                | 492       | 537  | 593  | 633  | 646 | 673  | 698  | 779  | 847  | 847        | 1100 | 1180 | 1270 |
| G                                 | 330       | 330  | 380  | 380  | 420 | 470  | 470  | 510  | 580  | 580        | 645  | 645  | 645  |
| L2                                | 125       | 125  | 125  | 125  | 147 | 145  | 145  | 170  | 170  | 170        | -    | -    | -    |

注：1.KA、KF、KAF、KAZ壳体为通用件，安装尺寸均可相互参照。 2."K.."表示K、KA、KF、KAF、KAZ、KAB。

Note: 1.The housings of KA、KF、KAF、KAZ are common parts. The mounting dimensions may consult each other. 2."K.."mean K、KA、KF、KAF、KAZ、KAB.



# **K..AD..**



|                            |     | D   | L   | D1 | L1  | L3 | L2  | T    | U  | M   |
|----------------------------|-----|-----|-----|----|-----|----|-----|------|----|-----|
| K..37                      | AD1 | 120 | 102 | 16 | 40  | 4  | 32  | 18   | 5  | M5  |
|                            | AD2 |     | 130 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
| K..47<br>K..57<br>K..67    | AD2 | 160 | 123 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                            | AD3 |     | 159 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
| K..77                      | AD2 | 200 | 116 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                            | AD3 |     | 151 | 24 | 50  | 5  | 40  | 27   | 8  | M8  |
|                            | AD4 |     | 224 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
| K..87                      | AD2 | 250 | 111 | 19 | 40  | 4  | 32  | 21.5 | 6  | M6  |
|                            | AD3 |     | 156 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                            | AD4 |     | 219 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 292 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
| K..97                      | AD3 | 300 | 151 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                            | AD4 |     | 214 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 287 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 327 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| K..107                     | AD3 | 350 | 145 | 28 | 60  | 5  | 50  | 31   | 8  | M10 |
|                            | AD4 |     | 208 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 281 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 321 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
| K..127                     | AD4 | 450 | 193 | 38 | 80  | 5  | 70  | 41   | 10 | M12 |
|                            | AD5 |     | 266 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 306 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                            | AD7 |     | 300 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                            | AD8 |     | 383 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |
| K..187<br>K..167<br>K..157 | AD5 | 550 | 258 | 42 | 110 | 10 | 70  | 45   | 12 | M16 |
|                            | AD6 |     | 298 | 48 | 110 | 10 | 80  | 51.5 | 14 | M16 |
|                            | AD7 |     | 292 | 55 | 110 | 10 | 90  | 59   | 16 | M20 |
|                            | AD8 |     | 374 | 70 | 140 | 15 | 110 | 74.5 | 20 | M20 |

K..AM..

Fig.1

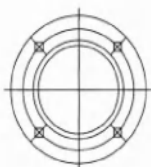
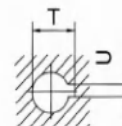
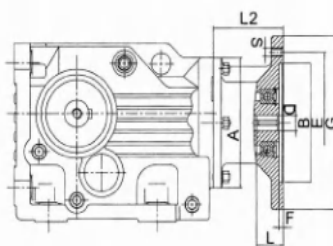
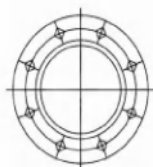
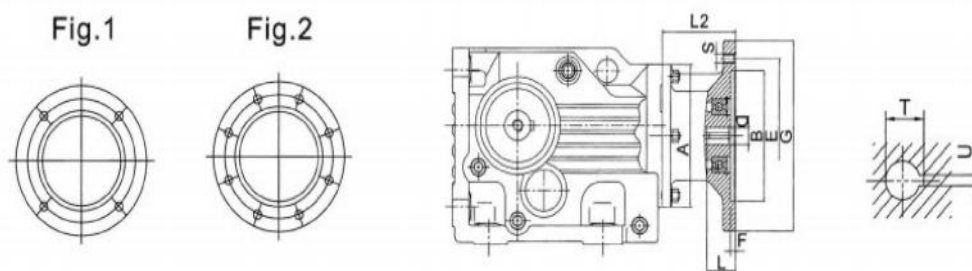


Fig.2



|                         |                    |      | B   | E   | F   | A   | G   | S   | L2  | D  | L    | T    | U  |
|-------------------------|--------------------|------|-----|-----|-----|-----|-----|-----|-----|----|------|------|----|
| K..37                   | Am63               | Fig1 | 95  | 115 | 3.5 | 120 | 140 | M8  | 45  | 11 | 23   | 12.8 | 4  |
|                         | AM71"              | 1    | 110 | 130 |     |     | 160 |     | 92  | 14 | 30   | 16.3 | 5  |
|                         | AM80"              |      | 130 | 165 | 4.5 |     | 200 | M10 | 80  | 19 | 40   | 21.8 | 6  |
|                         | AM90"              |      |     |     |     |     |     |     | 24  | 50 | 27.3 | 8    |    |
| K..47<br>K..57<br>K..67 | Am63               | 1    | 95  | 115 | 3.5 | 160 | 140 | M8  | 45  | 11 | 23   | 12.8 | 4  |
|                         | Am71               |      | 110 | 130 |     |     | 160 |     | 55  | 14 | 30   | 16.3 | 5  |
|                         | Am80               |      | 130 | 165 | 4.5 |     | 200 | M10 | 80  | 19 | 40   | 21.8 | 6  |
|                         | Am90               |      |     |     |     |     |     |     | 24  | 50 | 27.3 | 8    |    |
|                         | AM100"             |      | 180 | 215 | 5   |     | 250 | M12 | 100 | 28 | 60   | 31.3 | 8  |
|                         | AM112"             |      |     |     |     |     |     |     |     |    |      |      |    |
| K..77                   | AM63               | 1    | 95  | 115 | 3.5 | 200 | 140 | M8  | 45  | 11 | 23   | 12.8 | 4  |
|                         | Am71               |      | 110 | 130 |     |     | 160 |     | 55  | 14 | 30   | 16.3 | 5  |
|                         | Am80               |      | 130 | 165 | 4.5 |     | 200 | M10 | 80  | 19 | 40   | 21.8 | 6  |
|                         | Am90               |      |     |     |     |     |     |     | 24  | 50 | 27.3 | 8    |    |
|                         | AM100"             |      | 180 | 215 | 5   |     | 250 | M12 | 100 | 28 | 60   | 31.3 | 8  |
|                         | AM112"             |      |     |     |     |     |     |     |     |    |      |      |    |
|                         | AM132S"<br>AM132M" |      | 230 | 265 | 5   |     | 300 |     | 110 | 38 | 80   | 41.3 | 10 |
|                         | AM132ML"           |      |     |     |     |     |     |     |     |    |      |      |    |
|                         |                    |      |     |     |     |     |     |     |     |    |      |      |    |
| K..87                   | Am80               | 1    | 130 | 165 | 4.5 | 250 | 200 | M10 | 80  | 19 | 40   | 21.8 | 6  |
|                         | Am90               |      |     |     |     |     |     |     |     | 24 | 50   | 27.3 | 8  |
|                         | Am100              |      | 180 | 215 | 5   |     | 250 | M12 | 100 | 28 | 60   | 31.3 | 8  |
|                         | Am112              |      |     |     |     |     |     |     |     |    |      |      |    |
|                         | AM132S<br>AM132M   |      | 230 | 265 | 5   |     | 300 | 110 | 38  | 80 | 41.3 | 10   |    |
|                         | AM132ML            |      |     |     |     |     |     |     |     |    |      |      |    |
|                         | AM160"             |      | 250 | 300 | 6   |     | 350 | M16 | 133 | 42 | 110  | 45.3 | 12 |
|                         | AM180"             |      |     |     |     |     |     |     |     | 48 |      | 51.8 | 14 |
| K..97                   | Am100              | 1    | 180 | 215 | 5   | 300 | 250 | M12 | 100 | 28 | 60   | 31.3 | 8  |
|                         | Am112              |      |     |     |     |     |     |     |     |    |      |      |    |
|                         | AM132S             |      | 230 | 265 | 5   |     | 300 | 110 | 38  | 80 | 41.3 | 10   |    |
|                         | AM132M             |      |     |     |     |     |     |     |     |    |      |      |    |
|                         | AM132ML            |      |     |     |     |     |     |     |     |    |      |      |    |
|                         | Am160              |      | 250 | 300 | 6   |     | 350 | M16 | 133 | 42 | 110  | 45.3 | 12 |
|                         | Am180              |      |     |     |     |     |     |     |     | 48 |      | 51.8 | 14 |
|                         | AM200"             |      | 300 | 350 | 7   |     | 400 |     | 135 | 55 |      | 59.3 | 16 |
|                         | Am225"             | 2    | 350 | 400 |     |     | 450 |     | 143 | 60 | 140  | 64.4 | 18 |

K..AM..



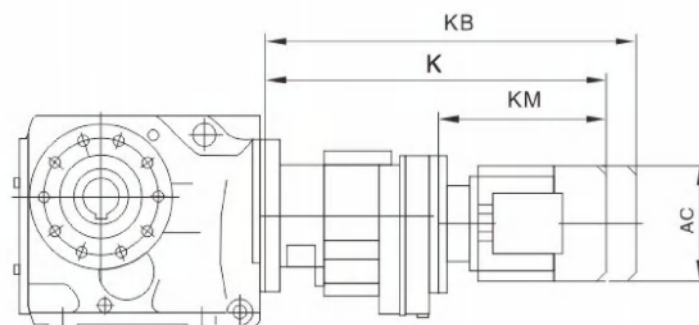
|                            |         | Fig | B   | E   | F   | A   | G   | S   | L2  | D    | L    | T    | U  |
|----------------------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|----|
| K..107                     | AM100   | 1   | 180 | 215 | 5   | 350 | 250 | M12 | 100 | 28   | 60   | 31.3 | 8  |
|                            | AM112   |     |     |     |     |     |     |     |     |      |      |      |    |
|                            | AM132S  |     | 230 | 265 |     |     | 300 |     | 110 | 38   | 80   | 41.3 | 10 |
|                            | AM132M  |     |     |     |     |     |     |     |     |      |      |      |    |
|                            | AM132ML |     |     |     |     |     |     |     |     |      |      |      |    |
|                            | AM160   |     | 250 | 300 | 6   |     | 350 | M16 | 133 | 42   | 110  | 45.3 | 12 |
|                            | AM180   |     |     |     |     |     |     |     |     | 48   |      | 51.8 | 14 |
|                            | AM200   |     | 300 | 350 | 7   |     | 400 |     | 135 | 55   |      | 59.3 | 16 |
|                            | AM225   | 2   | 350 | 400 |     | 450 | 143 |     | 60  | 140  | 64.4 | 18   |    |
| K..127                     | AM132S  | 1   | 230 | 265 | 5   | 450 | 300 | M12 | 125 | 38   | 80   | 41.3 | 10 |
|                            | AM132M  |     |     |     |     |     |     |     |     |      |      |      |    |
|                            | AM132ML |     | 250 | 300 | 6   |     | 350 | M16 | 125 | 42   | 110  | 45.3 | 12 |
|                            | AM160   |     |     |     |     |     |     |     |     | 48   |      | 51.3 | 14 |
|                            | AM180   |     |     |     | 300 |     | 350 |     | 7   | 400  |      | 147  | 55 |
|                            | AM200   | 2   | 350 | 400 | 450 |     | 162 |     |     | 60   | 140  | 64.4 | 18 |
|                            | AM225   |     | 450 | 500 | 550 |     | 170 |     | 65  | 49.4 |      |      |    |
|                            | AM250   |     |     |     |     |     |     |     | 75  | 79.9 |      | 20   |    |
|                            | AM280   |     |     |     |     |     |     |     |     |      |      |      |    |
| K..157<br>K..167<br>K..187 | AM160   | 1   | 250 | 300 | 6   | 550 | 350 | M16 | 125 | 42   | 110  | 45.3 | 12 |
|                            | AM180   |     |     |     |     |     |     |     |     | 48   |      | 51.8 | 14 |
|                            | AM200   |     | 300 | 350 | 7   |     | 400 |     | 147 | 55   |      | 59.3 | 16 |
|                            | AM225   | 2   | 350 | 400 |     |     | 450 |     | 145 | 60   | 140  | 64.4 | 18 |
|                            | AM250   |     | 450 | 500 |     |     | 550 |     | 170 | 65   |      | 49.4 |    |
|                            | AM280   |     |     |     |     |     |     |     |     | 75   |      | 79.9 |    |

1)如果安装在K系列脚底安装方式的减速机上，请检查尺寸G/2，它可能已突出安装平面。

Dimension G/2 may protrude past foot mounting surface if mounted on K footmounted gear unit.please check.



K..R..



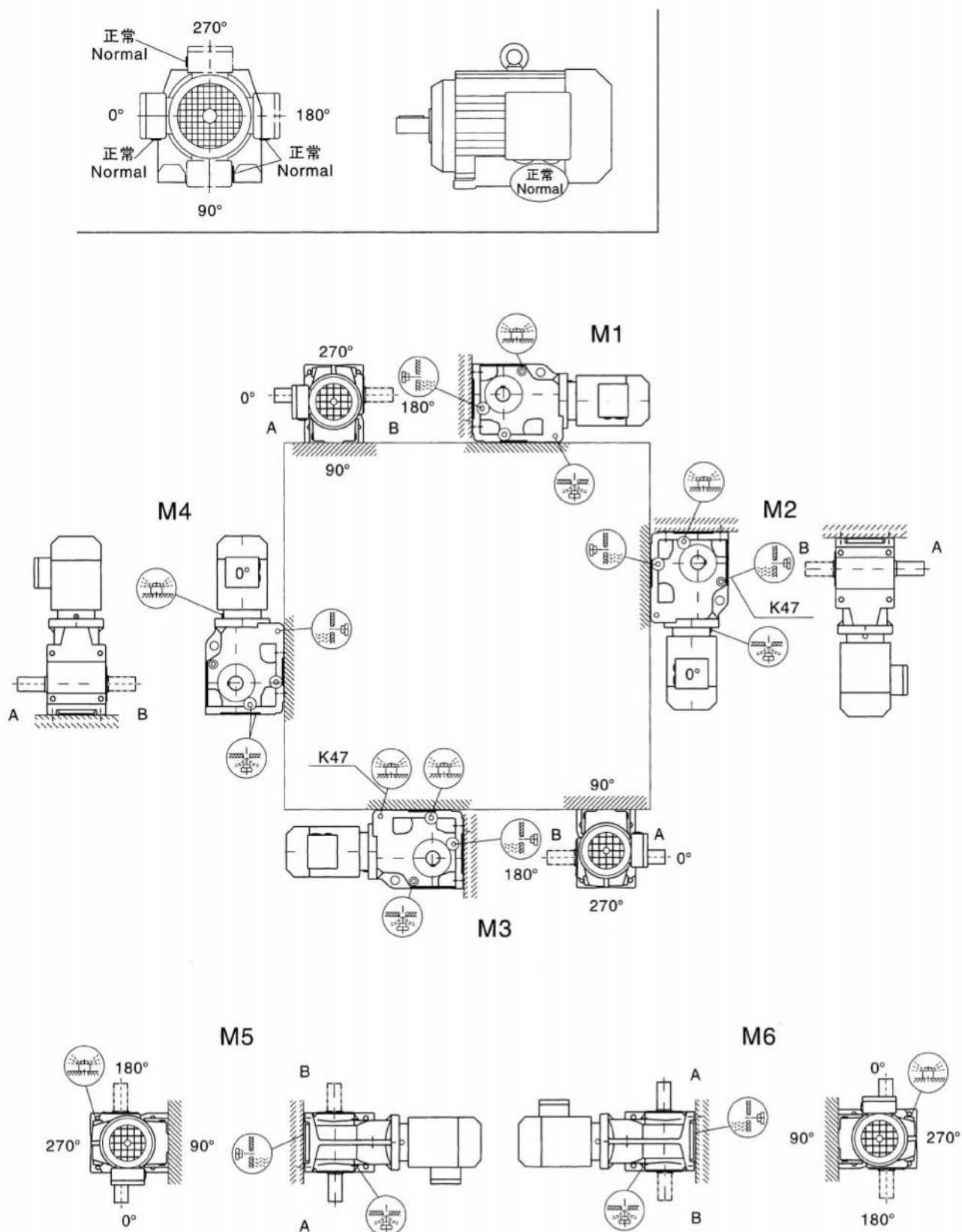
|                      |       | AC  | K   | KM  |
|----------------------|-------|-----|-----|-----|
| K..37R17             | D63.. | 138 | 368 | 193 |
|                      | D71D  | 158 | 369 | 194 |
|                      | D80.. | 168 | 419 | 244 |
| K..47R37<br>K..57R37 | D63.. | 138 | 386 | 221 |
|                      | D71D  | 158 | 404 | 239 |
|                      | D80.. | 168 | 436 | 271 |
| K..67R37             | D63.. | 138 | 386 | 221 |
|                      | D71D  | 158 | 404 | 239 |
|                      | D80.. | 168 | 436 | 271 |
|                      | D90.. | 195 | 479 | 314 |
| K..77R37             | D63.. | 138 | 378 | 221 |
|                      | D71D  | 158 | 396 | 239 |
|                      | D80.. | 168 | 428 | 271 |
|                      | D90.. | 195 | 471 | 314 |
| K..87R57             | D63.. | 138 | 432 | 216 |
|                      | D71D  | 158 | 450 | 234 |
|                      | D80.. | 168 | 481 | 265 |
|                      | D90.. | 195 | 525 | 309 |
|                      | D100M | 218 | 542 | 326 |
|                      | D100L | 218 | 542 | 326 |
| K97..R57             | D63.. | 138 | 427 | 216 |
|                      | D71D  | 158 | 445 | 234 |
|                      | D80.. | 168 | 476 | 265 |
|                      | D90.. | 195 | 520 | 309 |
|                      | D100M | 218 | 537 | 326 |
|                      | D100L | 218 | 537 | 326 |
| K..107R77            | D112M | 240 | 593 | 382 |
|                      | D63.. | 138 | 457 | 210 |
|                      | D71D  | 158 | 425 | 228 |
|                      | D80.. | 168 | 506 | 259 |
|                      | D90.. | 195 | 548 | 301 |
|                      | D100M | 218 | 565 | 318 |
|                      | D100L | 218 | 565 | 318 |
|                      | D112M | 240 | 620 | 373 |
|                      | D132S | 275 | 655 | 408 |

|                                    |        | AC  | K    | KM  |
|------------------------------------|--------|-----|------|-----|
| K..127R77                          | D132M  | 275 | 655  | 408 |
|                                    | D132ML | 275 | 655  | 408 |
|                                    | D160M  | 330 | 746  | 509 |
| K..127R87                          | D63..  | 138 | 442  | 210 |
|                                    | D71D   | 158 | 460  | 228 |
|                                    | D80..  | 168 | 491  | 259 |
|                                    | D90..  | 195 | 533  | 301 |
|                                    | D100M  | 218 | 550  | 318 |
|                                    | D100L  | 218 | 550  | 318 |
|                                    | D112M  | 240 | 605  | 373 |
|                                    | D132S  | 275 | 640  | 408 |
|                                    | D132M  | 275 | 640  | 408 |
|                                    | D132ML | 275 | 640  | 408 |
|                                    | D160M  | 330 | 741  | 509 |
|                                    | D90..  | 195 | 577  | 297 |
| K..157R97<br>K167R97<br>K187R97    | D100M  | 218 | 594  | 314 |
|                                    | D100L  | 218 | 594  | 314 |
|                                    | D112M  | 240 | 648  | 368 |
|                                    | D132S  | 275 | 683  | 403 |
|                                    | D132M  | 275 | 683  | 403 |
|                                    | D132ML | 275 | 683  | 403 |
|                                    | D160M  | 330 | 784  | 504 |
|                                    | D160L  | 330 | 828  | 548 |
|                                    | D180.. | 380 | 855  | 575 |
|                                    | D80..  | 168 | 579  | 254 |
| K..157R107<br>K167R107<br>K187R107 | D90..  | 195 | 616  | 291 |
|                                    | D100M  | 218 | 633  | 308 |
|                                    | D100L  | 218 | 633  | 308 |
|                                    | D112M  | 240 | 688  | 363 |
|                                    | D132S  | 275 | 723  | 398 |
|                                    | D132M  | 275 | 723  | 398 |
|                                    | D132ML | 275 | 723  | 398 |
|                                    | D160M  | 330 | 824  | 499 |
|                                    | D160L  | 330 | 868  | 543 |
|                                    | D180.. | 380 | 895  | 570 |
|                                    | D200.. | 420 | 1025 | 700 |

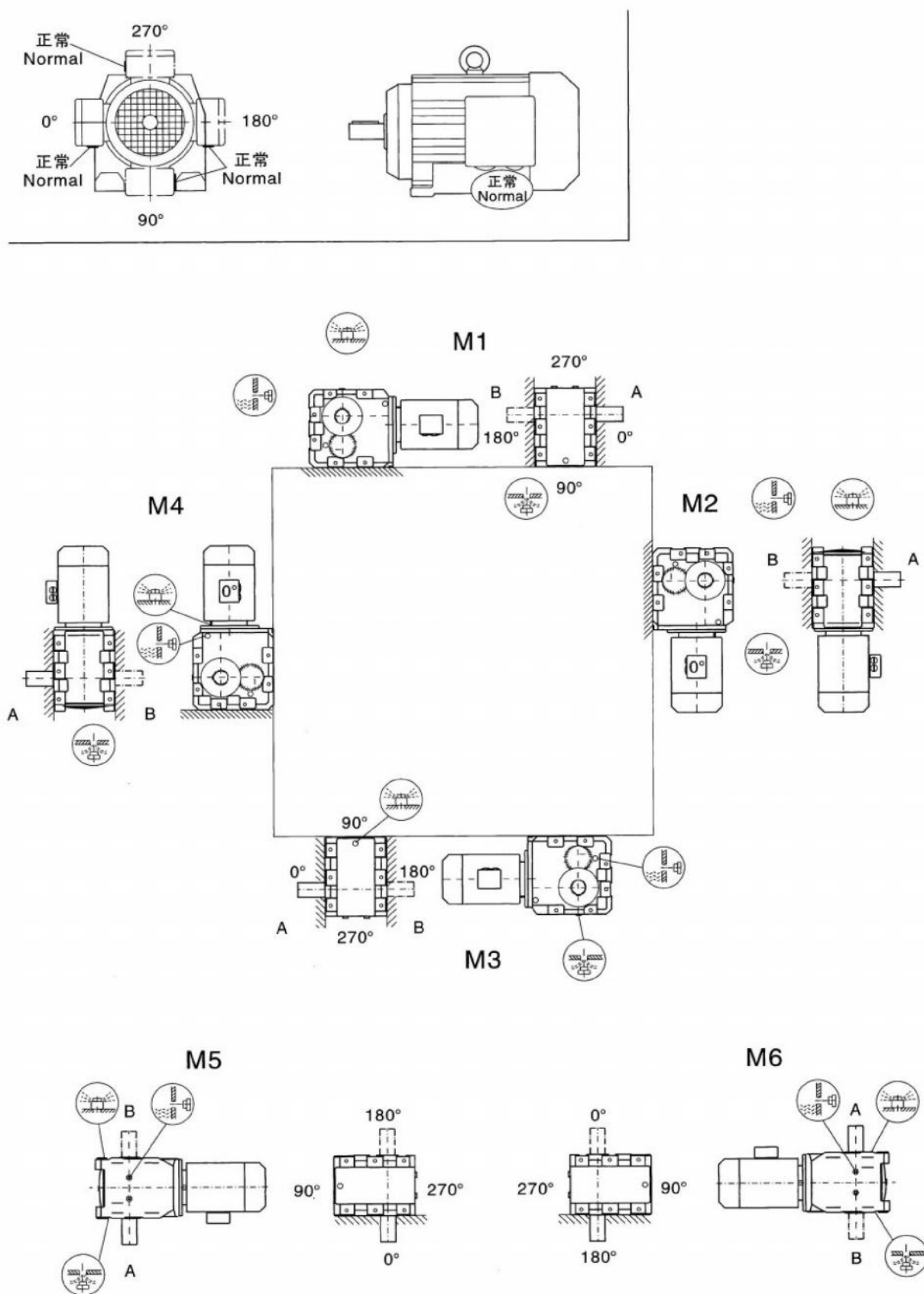
注：上表中电机尺寸为参考尺寸，因空间限制对电机尺寸有严格要求时请向我公司咨询。

Notes: The dimension of motor in the above table is only for reference. If you have special require, pls consult us.

# K/KAB37-157安装形式图 K/KAB37-157 Mounting position example

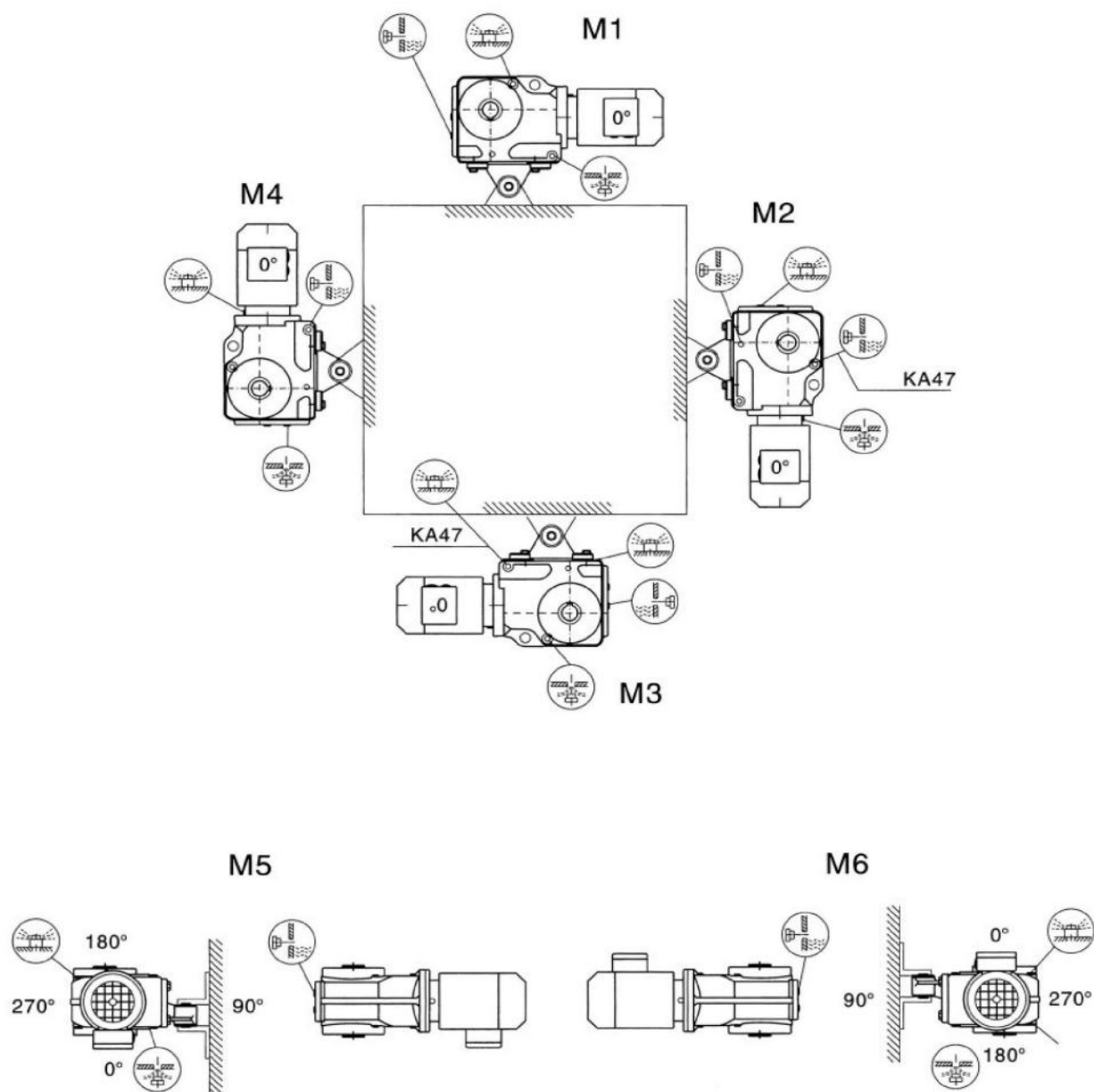
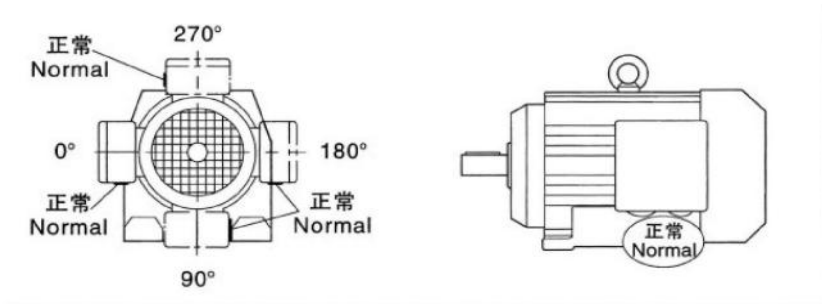


K/KA167-187安装形式图 K/KA167-187 Mounting position example

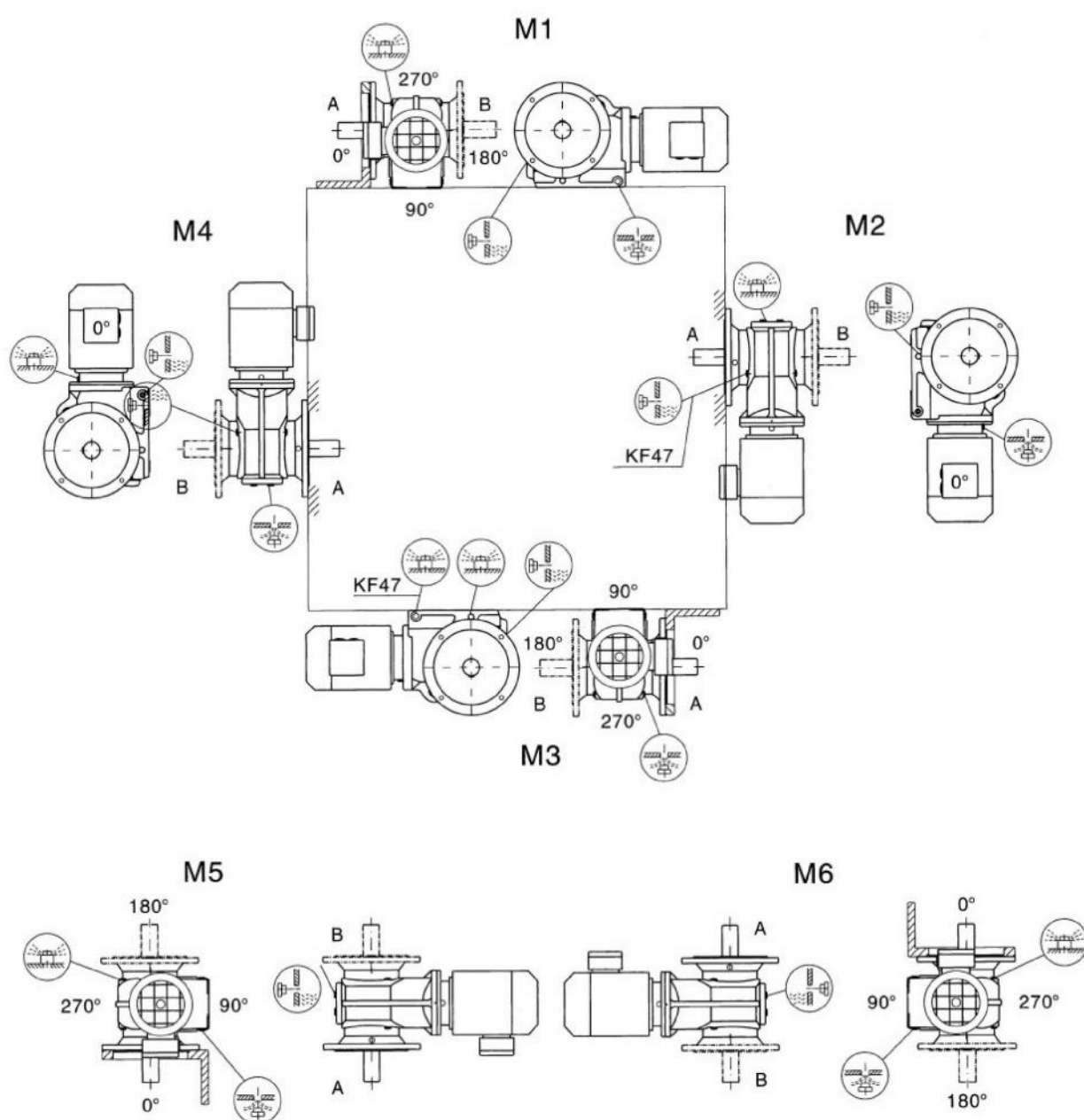
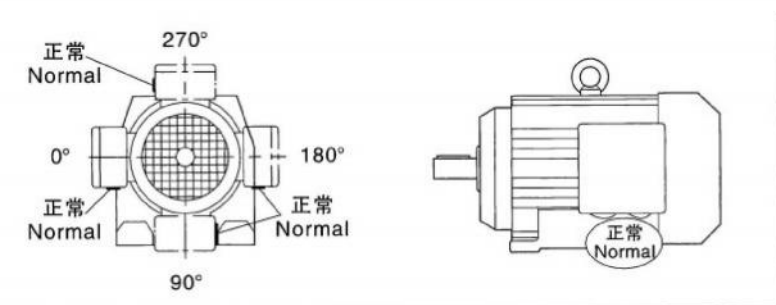




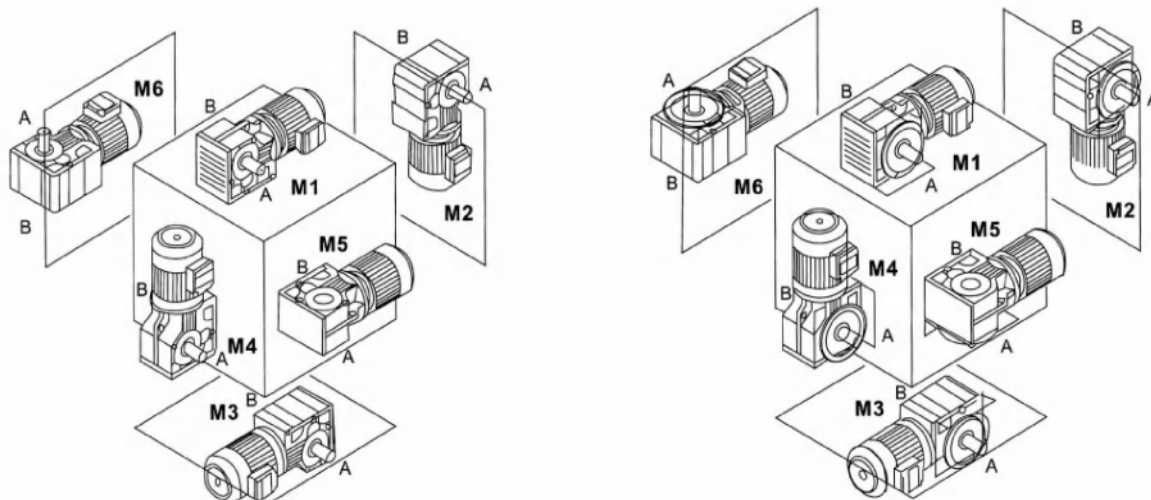
# KAT37-157安装形式图 KAT37-157 Mounting position example



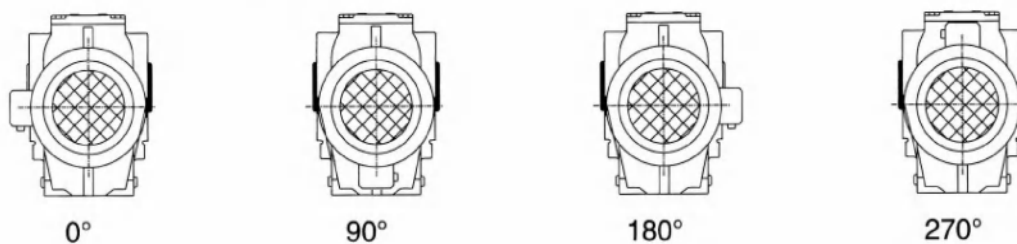
# KF/KAF/KAZ37-157安装形式图 KF/KAF/KAZ37-157 Mounting position example



## 安装形式: Mounting position:



## 电机接线盒位置 Position of the motor thermal box



## 输入功率及许用转矩 Input power rating and permissible torque

| 规格<br>Size                       | 37                      | 47          | 57          | 67          | 77          | 87          | 97          | 107         | 127         | 157          | 167          | 187          |
|----------------------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| 结构形式<br>Structure                | K KA KF KAF KAZ KAT KAB |             |             |             |             |             |             |             |             |              |              |              |
| 输入功率<br>Input power rating (kw)  | 0.18~3.0                | 0.18~3.0    | 0.18~5.5    | 0.18~5.5    | 0.37~11     | 0.75~22     | 1.1~30      | 3~45        | 7.5~90      | 11~160       | 11~200       | 18.5~200     |
| 传动比<br>Ratio                     | 5.36~106.38             | 5.81~131.87 | 6.57~145.14 | 7.14~144.79 | 7.24~192.18 | 7.19~197.37 | 8.95~176.05 | 8.74~141.46 | 8.68~146.07 | 12.65~150.41 | 17.28~163.91 | 17.27~180.78 |
| 许用转矩<br>Permissible torque (N.M) | 200                     | 400         | 600         | 820         | 1550        | 2700        | 4300        | 8000        | 13000       | 18000        | 32000        | 50000        |

## 减速机重量 Gear unit weight

| 规格<br>Size       | 37 | 47 | 57 | 67 | 77 | 87 | 97  | 107 | 127 | 157 | 167  | 187  |
|------------------|----|----|----|----|----|----|-----|-----|-----|-----|------|------|
| 重量(kg)<br>Weight | 11 | 20 | 27 | 33 | 57 | 85 | 130 | 250 | 380 | 610 | 1015 | 1700 |

所注重量为平均值, 仅供参考  
The weights are mean values, only for reference.



## 润滑油量表 Lubrication table

K...,KAB...:

| 规格<br>Size | 润滑油量 ( 升 )      Fill quantity in liters |      |      |      |      |      |
|------------|-----------------------------------------|------|------|------|------|------|
|            | M1                                      | M2   | M3   | M4   | M5   | M6   |
| K..37      | 0.5                                     | 1    | 1    | 1.3  | 1    | 1    |
| K..47      | 0.8                                     | 1.3  | 1.5  | 2    | 1.6  | 1.6  |
| K..57      | 1.2                                     | 2.3  | 2.5  | 3    | 2.6  | 2.4  |
| K..67      | 1.1                                     | 2.4  | 2.6  | 3.4  | 2.6  | 2.6  |
| K..77      | 2.2                                     | 4.1  | 4.4  | 5.9  | 4.2  | 4.4  |
| K..87      | 3.7                                     | 8    | 8.7  | 10.9 | 7.8  | 8    |
| K..97      | 7                                       | 14   | 15.7 | 20   | 15.7 | 15.5 |
| K..107     | 10                                      | 21   | 25.5 | 33.5 | 24   | 24   |
| K..127     | 21                                      | 41.5 | 44   | 54   | 40   | 41   |
| K..157     | 31                                      | 62   | 65   | 90   | 58   | 62   |
| K..167     | 35                                      | 100  | 100  | 125  | 85   | 85   |
| K..187     | 60                                      | 170  | 170  | 205  | 130  | 130  |

KF...:

| 规格<br>Size | 润滑油量 ( 升 )      Fill quantity in liters |      |      |      |      |      |
|------------|-----------------------------------------|------|------|------|------|------|
|            | M1                                      | M2   | M3   | M4   | M5   | M6   |
| KF37       | 0.5                                     | 1.1  | 1.1  | 1.5  | 1    | 1    |
| KF47       | 0.8                                     | 1.3  | 1.7  | 2.2  | 1.6  | 1.6  |
| KF57       | 1.3                                     | 2.3  | 2.7  | 3    | 2.9  | 2.7  |
| KF67       | 1.1                                     | 2.4  | 2.8  | 3.6  | 2.7  | 2.7  |
| KF77       | 2.1                                     | 4.1  | 4.4  | 6    | 4.5  | 4.5  |
| KF87       | 3.7                                     | 8.2  | 9    | 11.9 | 8.4  | 8.4  |
| KF97       | 7                                       | 14.7 | 17.3 | 21.5 | 15.7 | 16.5 |
| KF107      | 10                                      | 22   | 26   | 35   | 25   | 25   |
| KF127      | 21                                      | 41.5 | 46   | 55   | 41   | 41   |
| KF157      | 31                                      | 66   | 69   | 92   | 62   | 62   |

KA..., KAF..., KAZ...:

| 规格<br>Size | 润滑油量 ( 升 )      Fill quantity in liters |      |      |      |      |      |
|------------|-----------------------------------------|------|------|------|------|------|
|            | M1                                      | M2   | M3   | M4   | M5   | M6   |
| K..37      | 0.5                                     | 1    | 1    | 1.4  | 1    | 1    |
| K..47      | 0.8                                     | 1.3  | 1.6  | 2.1  | 1.6  | 1.6  |
| K..57      | 1.3                                     | 2.3  | 2.7  | 3    | 2.9  | 2.7  |
| K..67      | 1.1                                     | 2.4  | 2.7  | 3.6  | 2.6  | 2.6  |
| K..77      | 2.1                                     | 4.1  | 4.6  | 6    | 4.4  | 4.4  |
| K..87      | 3.7                                     | 8.2  | 8.8  | 11.1 | 8    | 8    |
| K..97      | 7                                       | 14.7 | 15.7 | 20   | 15.7 | 15.7 |
| K..107     | 10                                      | 20.5 | 24   | 32   | 24   | 24   |
| K..127     | 21                                      | 41.5 | 43   | 52   | 40   | 40   |
| K..157     | 31                                      | 66   | 67   | 87   | 62   | 62   |
| K..167     | 35                                      | 100  | 100  | 125  | 85   | 85   |
| K..187     | 60                                      | 170  | 170  | 205  | 130  | 130  |

## S Series Helical Worm Gear Reducer



# 型号说明 Model Notes

## 减速电机符号说明

| S                                                                                  | A                                                                     | 67                                 | T                                      | D                                                                                                                                          | 80                                   | N                                      | 4                              | BMG                                      | HF                                                                                 | TF                                                                                   | 106.75                                      | d45                                                    | B                                                         | M1                                  | 180°                                                            |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------|--------------------------------|------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------|
| 1                                                                                  | 2                                                                     | 3                                  | 4                                      | 5                                                                                                                                          | 6                                    | 7                                      | 8                              | 9                                        | 10                                                                                 | 11                                                                                   | 12                                          | 13                                                     | 14                                                        | 15                                  | 16                                                              |
| <b>1</b> 产品代码<br>R--斜齿轮减速电机<br>F--平行轴-斜齿轮减速电机<br>K--斜齿轮-伞齿轮减速电机<br>S--斜齿轮-蜗轮蜗杆减速电机 | <b>2</b> 装配型式<br>无代码 -- 底脚安装<br>F-- 法兰安装<br>A-- 空心轴安装<br>AF-- 法兰空心轴安装 | <b>3</b> 减速机规格号<br>67-- 减速机规格号为 67 | <b>4</b> 扭矩臂<br>无代码 -- 无扭矩臂<br>T-- 扭矩臂 | <b>5</b> 电动机<br>D--三相异步电动机(IP54)<br>YB--隔爆型三相异步电动机<br>YGP--铝道用变频调速三相异步电动机<br>YZP--冶金、起重用变频调速三相异步电动机<br>YVP--变频调速三相异步电动机<br>YD--变频多速三相异步电动机 | <b>6</b> 电动机规格代号<br>80-- 电机中心高为 80mm | <b>7</b> 电动机定子铁心长度代号<br>D、K、N、S、M、ML、L | <b>8</b> 电动机极数<br>4-- 电动机极数为 4 | <b>9</b> 制动器<br>无代码 -- 无制动器<br>BMG-- 制动器 | <b>10</b> 手动释放装置<br>无代码 -- 无手动释放装置<br>HF--手动释放<br>锁在制动释放位置<br>HR--手动释放<br>自动返回制动位置 | <b>11</b> 电机热保护<br>无代码 -- 无电机热保护<br>TF--热敏电阻保护装置<br>PTC热敏电阻<br>TH--恒温器保护装置<br>双金属片开关 | <b>12</b> 减速机传动比<br>106.75-- 减速机传动比为 106.75 | <b>13</b> 空心轴孔径<br>d45-- 空心轴孔径为 45H7<br>(尺寸表中两种孔径选择一种) | <b>14</b> 轴指向<br>A -- 轴指向为 A<br>B -- 轴指向为 B<br>AB -- 双输出轴 | <b>15</b> 安装位置<br>M1-- 安装型式图中 M1 位置 | <b>16</b> 接线盒位置<br>无代码 -- 安装型式图中 0° 位置<br>180°-- 安装型式图中 180° 位置 |

## Code Introduction

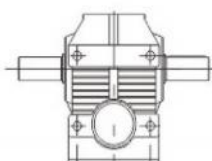
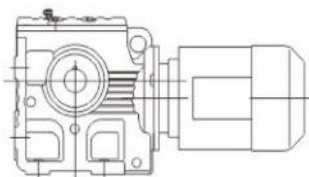
|                                                                                                                                                                             |                                                                                                                                      |                                                                     |                                                                                                    |                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> Product Code<br>R--Helical Geared Motor<br>F--Parallel Shaft-Helical Geared Motor<br>K--Helical-Bevel Geared Motor<br>S--Helical-Worm Geared Motor                 | <b>2</b> Unit Model<br>No Code--Feet-mounted<br>F--Flange-mounted<br>A--Hollow Shaft-mounted<br>AF--Flange-mounted with Hollow Shaft | <b>3</b> Gear Unit Size<br>67--Gear Unit Size 67                    | <b>4</b> Torque Arm<br>No Code--No Torque Arm<br>T--Torque Arm                                     | <b>5</b> Electric Motor<br>D--Three Phase Asynchronous Motor(IP 54)<br>YB--Flame-proof Three Phase Asynchronous Motor<br>YGP--Table Roller Three Phase Asynchronous Motor<br>YZP--Metallurgy Hoist Frequency Variable Motor<br>YVP--Frequency Variable Three Phase Motor<br>YD--Multi Speed Three Phase Motor |
| <b>6</b> Frame Size<br>80--Motor Center Height 80mm                                                                                                                         | <b>7</b> Stator Length<br>D、K、N、S、M、ML、L                                                                                             | <b>8</b> Number of Poles<br>4--4P                                   | <b>9</b> Brake<br>No Code--No Brakes<br>BMG--Brakes                                                | <b>10</b> Brake Release<br>No Code--No Brake Release<br>HF--Manual release(lock in the brake release position)<br>Brake Release<br>HR--Manual release(automatic braking position)                                                                                                                             |
| <b>11</b> Thermal Protection<br>No Code--No Thermistor<br>TF--Thermistor Sensor<br>TF--Thermistor protection (PTC thermistor)<br>TH--Thermostat protection (Bimetal switch) | <b>12</b> Ratio<br>108.03--Ratio 108.03                                                                                              | <b>13</b> Hollow shaft diameter<br>d45--Hollow shaft diameter is 45 | <b>14</b> Position of the Output Shaft<br>A--Shaft with A<br>B--Shaft with B<br>AB--Shaft with A+B | <b>15</b> Mounting Position<br>M1--Mounting Position M1                                                                                                                                                                                                                                                       |
| <b>16</b> Terminal Box Position<br>No Code--Terminal Box Position is 0°<br>180° --Terminal Box Position is 180°                                                             |                                                                                                                                      |                                                                     |                                                                                                    |                                                                                                                                                                                                                                                                                                               |



## 设计方案 Type of Geared Motors

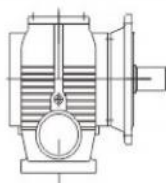
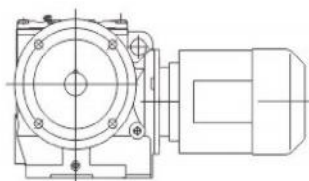
斜齿轮 – 蜗轮蜗杆齿轮减速电机有以下设计方案:

The following types of helical-worm gearmotors can be supplied.



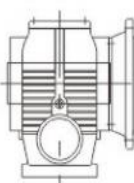
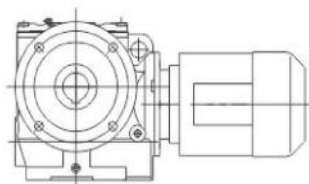
S..D..

底脚安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Foot-mounted helical-worm gearmotor



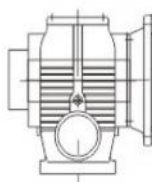
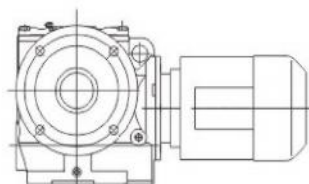
SF..D..

法兰盘安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Helical-worm gearmotor in B5 flange-mounted version.



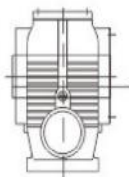
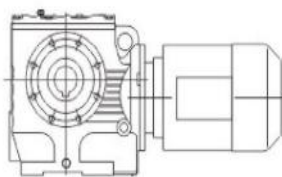
SAF..D..

B5 法兰空心轴安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Helical-worm gearmotor in B5 flange-mounted version  
with hollow shaft.



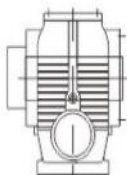
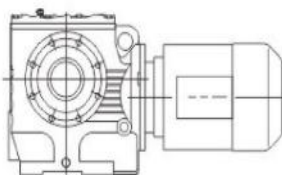
SHF..D..

B5 法兰空心轴锁紧盘安装斜齿轮 – 蜗轮蜗杆齿轮减  
速电机  
Helical-worm gearmotor in B5 flange-mounted version  
with hollow shaft and shrink disk.



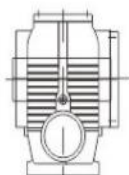
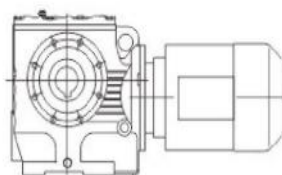
#### SA..D..

空心轴安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Helical-worm gearmotor with hollow shaft.



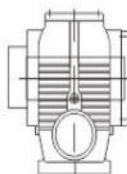
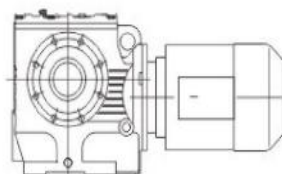
#### SH..D..

空心轴锁紧盘安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Helical-worm gearmotor with hollow shaft and shrink disk.



#### SAZ..D..

B14 法兰空心轴安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Helical-worm gearmotor in B14 flange-mounted version with hollow shaft.



#### SHZ..D..

B14 法兰空心轴锁紧盘安装斜齿轮 – 蜗轮蜗杆齿轮减速电机  
Helical-worm gearmotor in B14 flange-mounted version with hollow shaft and shrink disk.

## 可行的组合方式 Type of combination

以下是斜齿轮蜗杆减速与交流(带制动)电机的组合列表。表中给出了每种组合的速比范围。  
The below is combination table between gear box and electromotor in each list the ratio range.

| 减速机型号<br>Gear unit size | 级<br>Stages | D63<br>D71                                                                                 | D80                                                                                            | D90                                                                           | D100                                                                                   | D112                                                                       | D132S                                                                         | D132M                                                                         |
|-------------------------|-------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| S/SF/SA/SAF37           | 2           | 6.80-18.24<br>19.89-51.30<br>55.93-157.43                                                  | 6.80-15.53<br>19.13<br>22.50-43.68<br>53.83<br>63.33-122.94                                    | 6.80-13.39<br>19.13<br>22.50-37.66<br>53.83<br>63.33-106.00                   |                                                                                        |                                                                            |                                                                               |                                                                               |
| S/SF/SA/SAF47           | 2           | 7.28-17.62<br>20.33-54.59<br>63.80-201.00                                                  | 7.28-17.62<br>20.33-54.59<br>67.20<br>71.75-158.12                                             | 7.28-19.54<br>23.20-47.32<br>56.61<br>67.20<br>71.75-137.05                   | 7.28-14.24<br>19.54<br>23.20-38.23<br>56.61<br>67.20<br>71.75-110.73                   |                                                                            |                                                                               |                                                                               |
| S/SF/SA/SAF57           | 2           | 7.28-17.62<br>20.33-54.59<br>63.80-201.00                                                  | 7.28-17.62<br>20.33-54.59<br>67.20<br>71.75-158.12                                             | 7.28-19.54<br>23.20-47.32<br>56.61<br>67.20<br>71.75-137.05                   | 7.28-14.24<br>19.54<br>23.20-38.23<br>56.61<br>67.20<br>71.75-110.73                   |                                                                            |                                                                               |                                                                               |
| S/SF/SA/SAF67           | 2           | 11.03-17.28<br>20.37-23.22<br>24.44<br>29.63-54.70<br>62.35-65.63<br>75.06<br>85.83-217.41 | 8.69-17.28<br>20.37-23.22<br>24.44-54.70<br>62.35-65.63<br>75.06<br>85.83-217.41               | 7.56-17.28<br>20.37-23.22<br>24.44-54.70<br>62.35-65.63<br>78.00-190.1        | 7.56-17.28<br>20.37<br>23.33<br>26.93-54.70<br>67.57<br>78.00-158.45                   | 7.56-20.30<br>23.33<br>26.93-46.40<br>58.80<br>67.57<br>78.00-134.40       | 7.56-13.73<br>20.30<br>23.33<br>26.93-36.85<br>58.80<br>67.57<br>78.00-106.75 | 7.56-13.73<br>20.30<br>23.33<br>26.93-36.85<br>58.80<br>67.57<br>78.00-106.75 |
| S/SF/SA/SAF77           | 2           | 15.28-18.42<br>20.99<br>22.89<br>35.94-53.87<br>63.03<br>71.33-75.09<br>107.83-256.47      | 12.07-18.42<br>20.99<br>22.89<br>28.41-53.87<br>63.03<br>71.33-75.09<br>85.22-256.47           | 8.06-18.42<br>20.99<br>22.89-75.09<br>85.22-225.26                            | 8.06-18.42<br>20.99<br>22.89-66.67<br>75.20-189.09                                     | 8.06-18.42<br>20.99<br>22.89-56.92<br>66.67<br>75.20-161.60                | 8.06-18.97<br>22.22<br>25.07-43.33<br>56.92<br>66.67<br>75.20-130.00          | 8.06-18.97<br>22.22<br>25.07-43.33<br>56.92<br>66.67<br>75.20-130.00          |
| S/SF/SA/SAF87           | 2           |                                                                                            | 17.49-19.70<br>21.43<br>25.50<br>39.10-57.00<br>64.27-70.43<br>81.76<br>91.20<br>123.48-288.00 | 12.21-19.70<br>21.43<br>25.50-57.00<br>64.27-70.43<br>81.76-288.00            | 9.07-19.70<br>21.43<br>25.50-57.00<br>64.27-86.15<br>99.26-258.18                      | 9.07-19.70<br>21.43<br>25.50-57.00<br>64.27-77.14<br>86.15<br>99.26-222.40 | 7.88-19.70<br>21.43<br>25.50-64.00<br>77.14<br>86.15<br>99.26-180.00          | 7.88-19.70<br>21.43<br>25.50-64.00<br>77.14<br>86.15<br>99.26-180.00          |
| S/SF/SA/SAF97           | 2           |                                                                                            | 23.59<br>26.39<br>49.87-60.59<br>71.43<br>80.85<br>161.74-286.40                               | 17.05-23.59<br>26.39<br>36.05-60.59<br>71.43<br>80.85<br>116.92-286.40        | 13.07-23.859<br>26.39<br>32.60-60.59<br>71.43<br>80.85-286.40                          | 13.07-23.59<br>26.39<br>32.60-60.59<br>71.43<br>80.85-286.40               | 8.26-23.59<br>26.39<br>32.60-78.26<br>89.60-231.67                            | 8.26-23.59<br>26.39<br>32.60-78.26<br>89.60-231.67                            |
| 减速机型号<br>Gear unit size | 级<br>Stages | D132ML                                                                                     | D160M                                                                                          | D160L                                                                         | D180                                                                                   |                                                                            |                                                                               |                                                                               |
| S/SF/SA/SAF77           | 2           | 8.06-13.76<br>18.97<br>22.22<br>25.07-32.38<br>56.92<br>66.67<br>75.20-97.14               | 8.06-13.76<br>18.97<br>22.22<br>25.07-32.38<br>56.92<br>66.67<br>75.20-97.14                   |                                                                               |                                                                                        |                                                                            |                                                                               |                                                                               |
| S/SF/SA/SAF87           | 2           | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05              | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05                  | 7.88-20.27<br>24.43<br>27.28-44.03<br>64.00<br>77.14<br>86.15<br>99.26-139.05 | 7.88-15.64<br>20.27<br>24.43<br>27.28-34.96<br>64.00<br>77.14<br>86.15<br>99.26-110.40 |                                                                            |                                                                               |                                                                               |
| S/SF/SA/SAF97           | 2           | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95                       | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95                           | 8.26-23.59<br>26.39<br>32.60-55.79<br>65.45<br>78.26<br>89.60-180.95          | 8.26-21.23<br>24.13<br>27.63-44.89<br>65.45<br>78.26<br>89.60-145.60                   |                                                                            |                                                                               |                                                                               |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 0.12                                            | 4610                                           | 11267                   | 28700                                                        | 0.90                                   | S 97 R57     | 4                     |
| 0.14                                            | 4210                                           | 10078                   | 32800                                                        | 1.00                                   | SF 97 R57    | 4                     |
| 0.16                                            | 3500                                           | 8608                    | 34200                                                        | 1.20                                   | SA 97 R57    | 4                     |
| 0.18                                            | 3090                                           | 7554                    | 34800                                                        | 1.35                                   | SAF 97 R57   | 4                     |
| 0.21                                            | 2630                                           | 6706                    | 27200                                                        | 0.95                                   | S 87 R57     | 4                     |
| 0.23                                            | 2330                                           | 5875                    | 27800                                                        | 1.05                                   | SF 87 R57    | 4                     |
| 0.27                                            | 1960                                           | 5187                    | 28500                                                        | 1.25                                   | SA 87 R57    | 4                     |
| 0.30                                            | 1740                                           | 4606                    | 28800                                                        | 1.45                                   | SAF 87 R57   | 4                     |
| 0.36                                            | 1450                                           | 3872                    | 29200                                                        | 1.70                                   |              |                       |
| 0.39                                            | 1340                                           | 3540                    | 9700                                                         | 0.95                                   |              |                       |
| 0.45                                            | 1170                                           | 3098                    | 12500                                                        | 1.10                                   |              |                       |
| 0.58                                            | 1280                                           | 2374                    | 11600                                                        | 0.95                                   | S 77 R37     | 4                     |
| 0.66                                            | 1130                                           | 2083                    | 12900                                                        | 1.10                                   | SF 77 R37    | 4                     |
| 0.76                                            | 960                                            | 1813                    | 14100                                                        | 1.30                                   | SA 77 R37    | 4                     |
| 0.79                                            | 910                                            | 1745                    | 14300                                                        | 1.35                                   | SAF 77 R37   | 4                     |
| 0.86                                            | 840                                            | 1600                    | 14700                                                        | 1.50                                   |              |                       |
| 0.98                                            | 735                                            | 1404                    | 15200                                                        | 1.70                                   |              |                       |
| 1.1                                             | 645                                            | 1245                    | 15600                                                        | 1.90                                   |              |                       |
| 1.2                                             | 575                                            | 1194                    | 8160                                                         | 1.00                                   | S 67 R37     | 4                     |
| 1.3                                             | 515                                            | 1045                    | 8720                                                         | 1.10                                   | SF 67 R37    | 4                     |
| 1.5                                             | 445                                            | 914                     | 9280                                                         | 1.30                                   | SA 67 R37    | 4                     |
| 1.7                                             | 400                                            | 809                     | 9580                                                         | 1.40                                   |              |                       |
| 1.9                                             | 355                                            | 712                     | 9860                                                         | 1.60                                   | S 67 R37     | 4                     |
| 2.2                                             | 295                                            | 615                     | 10100                                                        | 1.95                                   | SF 67 R37    | 4                     |
| 2.5                                             | 265                                            | 543                     | 10300                                                        | 2.2                                    | SA 67 R37    | 4                     |
| 2.9                                             | 220                                            | 469                     | 10400                                                        | 2.6                                    | SAF 67 R37   | 4                     |
| 3.3                                             | 197                                            | 424                     | 10500                                                        | 2.9                                    |              |                       |
| 3.8                                             | 180                                            | 365                     | 10500                                                        | 3.2                                    |              |                       |
| 2.1                                             | 315                                            | 655                     | 6930                                                         | 0.95                                   |              |                       |
| 2.4                                             | 275                                            | 574                     | 7290                                                         | 1.10                                   | S 57 R17     | 4                     |
| 2.7                                             | 240                                            | 506                     | 7540                                                         | 1.25                                   | SF 57 R17    | 4                     |
| 3.2                                             | 210                                            | 438                     | 7750                                                         | 1.45                                   | SA 57 R17    | 4                     |
| 3.6                                             | 183                                            | 388                     | 7880                                                         | 1.65                                   | SAF 57 R17   | 4                     |
| 4.1                                             | 163                                            | 336                     | 7980                                                         | 1.85                                   |              |                       |
| 4.7                                             | 140                                            | 294                     | 8070                                                         | 2.1                                    |              |                       |
| 5.1                                             | 134                                            | 269                     | 8090                                                         | 2.2                                    |              |                       |
| 3.2                                             | 210                                            | 438                     | 5060                                                         | 0.90                                   |              |                       |
| 3.6                                             | 183                                            | 388                     | 5210                                                         | 1.00                                   | S 47 R17     | 4                     |
| 4.1                                             | 162                                            | 336                     | 5320                                                         | 1.15                                   | SF 47 R17    | 4                     |
| 4.7                                             | 139                                            | 294                     | 5450                                                         | 1.35                                   | SA 47 R17    | 4                     |
| 5.4                                             | 95                                             | 257                     | 5680                                                         | 1.95                                   | SAF 47 R17   | 4                     |
| 6.0                                             | 113                                            | 229                     | 5570                                                         | 1.65                                   |              |                       |
| 6.9                                             | 99                                             | 200                     | 5630                                                         | 1.90                                   |              |                       |
| 7.4                                             | 92                                             | 187                     | 5660                                                         | 2.0                                    |              |                       |
| 6.8                                             | 99                                             | 202                     | 3000                                                         | 0.95                                   |              |                       |
| 7.7                                             | 88                                             | 179                     | 3000                                                         | 1.05                                   | S 37 R17     | 4                     |
| 8.7                                             | 78                                             | 158                     | 3000                                                         | 1.15                                   | SF 37 R17    | 4                     |
| 9.6                                             | 72                                             | 144                     | 3000                                                         | 1.25                                   | SA 37 R17    | 4                     |
| 12                                              | 59                                             | 118                     | 3000                                                         | 1.55                                   | SAF 37 R17   | 4                     |
| 13                                              | 55                                             | 110                     | 3000                                                         | 1.65                                   |              |                       |
| 4.5                                             | 143                                            | 201.00                  | 8050                                                         | 2.1                                    | S 57         | 6                     |
| 4.9                                             | 133                                            | 184.80                  | 8090                                                         | 2.2                                    | SF 57        | 6                     |
| 5.7                                             | 116                                            | 158.12                  | 8150                                                         | 2.5                                    | SA 57        | 6                     |
| 6.6                                             | 103                                            | 137.05                  | 8180                                                         | 2.9                                    | SAF 57       | 6                     |
| 4.5                                             | 138                                            | 201.00                  | 5490                                                         | 1.30                                   | S 47         | 6                     |
| 4.9                                             | 129                                            | 184.80                  | 5540                                                         | 1.40                                   | SF 47        | 6                     |
| 5.7                                             | 112                                            | 158.12                  | 5610                                                         | 1.55                                   | SA 47        | 6                     |
| 6.6                                             | 99                                             | 137.05                  | 5660                                                         | 1.75                                   | SAF 47       | 6                     |
| 7.0                                             | 93                                             | 128.10                  | 5680                                                         | 1.85                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.12kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 6.9                                             | 95                                             | 201.00                  | 5680                                                         | 1.80                                   |              |                       |
| 7.5                                             | 89                                             | 184.80                  | 5700                                                         | 1.90                                   | S 47         | 4                     |
| 8.7                                             | 77                                             | 158.12                  | 5740                                                         | 2.2                                    | SF 47        | 4                     |
| 10                                              | 68                                             | 137.05                  | 5780                                                         | 2.5                                    | SA 47        | 4                     |
| 11                                              | 64                                             | 128.10                  | 5790                                                         | 2.6                                    | SAF 47       | 4                     |
| 12                                              | 57                                             | 110.73                  | 5810                                                         | 3.0                                    |              |                       |
| 5.7                                             | 107                                            | 157.43                  | 3000                                                         | 0.85                                   |              |                       |
| 6.2                                             | 99                                             | 144.40                  | 3000                                                         | 0.95                                   | S 37         | 6                     |
| 7.3                                             | 86                                             | 122.94                  | 3000                                                         | 1.05                                   | SF 37        | 6                     |
| 8.5                                             | 76                                             | 106.00                  | 3000                                                         | 1.20                                   | SA 37        | 6                     |
| 9.1                                             | 71                                             | 98.80                   | 3000                                                         | 1.30                                   | SAF 37       | 6                     |
| 10                                              | 64                                             | 86.36                   | 3000                                                         | 1.45                                   |              |                       |
| 8.8                                             | 74                                             | 157.43                  | 3000                                                         | 1.25                                   |              |                       |
| 9.6                                             | 68                                             | 144.40                  | 3000                                                         | 1.35                                   | S 37         | 4                     |
| 11                                              | 60                                             | 122.94                  | 3000                                                         | 1.55                                   | SF 37        | 4                     |
| 13                                              | 52                                             | 106.00                  | 3000                                                         | 1.70                                   | SA 37        | 4                     |
| 14                                              | 49                                             | 98.80                   | 3000                                                         | 1.75                                   | SAF 37       | 4                     |
| 16                                              | 44                                             | 86.36                   | 3000                                                         | 1.95                                   |              |                       |
| 17                                              | 41                                             | 80.96                   | 3000                                                         | 2.1                                    |              |                       |
| 19                                              | 37                                             | 71.44                   | 3000                                                         | 2.3                                    |              |                       |
| 22                                              | 33                                             | 63.33                   | 3000                                                         | 2.5                                    |              |                       |
| 25                                              | 35                                             | 55.93                   | 3000                                                         | 2.3                                    |              |                       |
| 27                                              | 33                                             | 51.30                   | 3000                                                         | 2.5                                    |              |                       |
| 32                                              | 28                                             | 43.68                   | 3000                                                         | 2.9                                    |              |                       |
| 37                                              | 25                                             | 37.66                   | 3000                                                         | 3.2                                    | S 37         | 4                     |
| 39                                              | 23                                             | 35.10                   | 3000                                                         | 3.4                                    | SF 37        | 4                     |
| 45                                              | 20                                             | 30.68                   | 3000                                                         | 3.7                                    | SA 37        | 4                     |
| 48                                              | 19                                             | 28.76                   | 3000                                                         | 3.9                                    | SAF 37       | 4                     |
| 54                                              | 17                                             | 25.38                   | 3000                                                         | 4.3                                    |              |                       |
| 61                                              | 15                                             | 22.50                   | 3000                                                         | 4.8                                    |              |                       |
| 69                                              | 14                                             | 19.89                   | 3000                                                         | 3.6                                    |              |                       |
| 76                                              | 13                                             | 18.24                   | 3000                                                         | 3.9                                    |              |                       |
| 89                                              | 11                                             | 15.53                   | 2870                                                         | 4.4                                    |              |                       |
| <b>0.18kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 0.29                                            | 2970                                           | 4606                    | 20900                                                        | 0.85                                   | S 87 R57     | 4                     |
| 0.34                                            | 2480                                           | 3872                    | 27500                                                        | 1.00                                   | SF 87 R57    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SA 87 R57    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SAF 87 R57   | 4                     |
| 0.38                                            | 2350                                           | 3475                    | 27800                                                        | 1.05                                   |              |                       |
| 0.45                                            | 1970                                           | 2905                    | 28500                                                        | 1.25                                   | S 87 R57     | 4                     |
| 0.51                                            | 1710                                           | 2586                    | 28900                                                        | 1.45                                   | SF 87 R57    | 4                     |
| 0.57                                            | 1520                                           | 2335                    | 29100                                                        | 1.65                                   | SA 87 R57    | 4                     |
| 0.64                                            | 1320                                           | 2054                    | 29400                                                        | 1.90                                   | SAF 87 R57   | 4                     |
| 0.72                                            | 1170                                           | 1824                    | 29500                                                        | 2.1                                    |              |                       |
| 0.81                                            | 1050                                           | 1631                    | 29600                                                        | 2.4                                    |              |                       |
| 0.94                                            | 1220                                           | 1404                    | 12200                                                        | 1.00                                   | S 77 R37     | 4                     |
| 1.1                                             | 1070                                           | 1245                    | 13000                                                        | 1.15                                   | SF 77 R37    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SA 77 R37    | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SAF 77 R37   | 4                     |
| 1.2                                             | 990                                            | 1100                    | 13900                                                        | 1.25                                   |              |                       |
| 1.4                                             | 850                                            | 954                     | 14700                                                        | 1.45                                   | S 77 R37     | 4                     |
| 1.6                                             | 745                                            | 837                     | 15200                                                        | 1.65                                   | SF 77 R37    | 4                     |
| 1.9                                             | 625                                            | 714                     | 15600                                                        | 2.0                                    | SA 77 R37    | 4                     |
| 2.1                                             | 555                                            | 637                     | 15900                                                        | 2.2                                    | SAF 77 R37   | 4                     |
| 2.3                                             | 500                                            | 574                     | 16000                                                        | 2.5                                    |              |                       |
| 1.9                                             | 580                                            | 712                     | 8060                                                         | 1.00                                   | S 67 R37     | 4                     |
| 2.2                                             | 490                                            | 615                     | 8920                                                         | 1.15                                   | SF 67 R37    | 4                     |
| 2.4                                             | 440                                            | 543                     | 9330                                                         | 1.30                                   | SA 67 R37    | 4                     |
| 2.8                                             | 370                                            | 469                     | 9780                                                         | 1.55                                   | SAF 67 R37   | 4                     |
| 3.1                                             | 335                                            | 424                     | 9970                                                         | 1.70                                   |              |                       |
| 3.6                                             | 295                                            | 365                     | 10100                                                        | 1.90                                   |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.18kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 3.0                                             | 345                                              | 438                   | 6630                                                         | 0.85                                   |              |                       |
| 3.4                                             | 305                                              | 388                   | 7040                                                         | 1.00                                   |              |                       |
| 3.9                                             | 270                                              | 336                   | 7350                                                         | 1.10                                   | S 57R17      | 4                     |
| 4.5                                             | 235                                              | 294                   | 7600                                                         | 1.30                                   | SF 57R17     | 4                     |
| 4.9                                             | 220                                              | 269                   | 7690                                                         | 1.35                                   | SA 57R17     | 4                     |
| 5.8                                             | 188                                              | 229                   | 7860                                                         | 1.60                                   | SAF 57R17    | 4                     |
| 6.5                                             | 169                                              | 204                   | 7950                                                         | 1.80                                   |              |                       |
| 7.1                                             | 154                                              | 187                   | 8010                                                         | 1.95                                   |              |                       |
| 4.5                                             | 230                                              | 294                   | 4910                                                         | 0.80                                   |              |                       |
| 5.1                                             | 158                                              | 257                   | 5400                                                         | 1.15                                   |              |                       |
| 5.8                                             | 185                                              | 229                   | 5200                                                         | 1.00                                   | S 47R17      | 4                     |
| 6.6                                             | 162                                              | 200                   | 5330                                                         | 1.15                                   | SF 47R17     | 4                     |
| 7.1                                             | 152                                              | 187                   | 5380                                                         | 1.20                                   | SA 47R17     | 4                     |
| 8.0                                             | 134                                              | 165                   | 5470                                                         | 1.40                                   | SAF 47R17    | 4                     |
| 8.9                                             | 121                                              | 148                   | 5530                                                         | 1.55                                   |              |                       |
| 10                                              | 108                                              | 131                   | 5590                                                         | 1.70                                   |              |                       |
| 4.0                                             | 255                                              | 217.41                | 10300                                                        | 2.2                                    | S 67         | 6                     |
| 4.6                                             | 225                                              | 190.11                | 10400                                                        | 2.5                                    | SF 67        | 6                     |
| 4.8                                             | 215                                              | 180.60                | 10400                                                        | 2.6                                    | SA 67        | 6                     |
|                                                 |                                                  |                       |                                                              |                                        | SAF 67       | 6                     |
| 4.3                                             | 220                                              | 201.00                | 7670                                                         | 1.35                                   | S 57         | 6                     |
| 4.7                                             | 205                                              | 184.80                | 7760                                                         | 1.45                                   | SF 57        | 6                     |
| 5.5                                             | 180                                              | 158.12                | 7900                                                         | 1.65                                   | SA 57        | 6                     |
| 6.3                                             | 159                                              | 137.05                | 7990                                                         | 1.85                                   | SAF 57       | 6                     |
| 6.6                                             | 154                                              | 201.00                | 8010                                                         | 1.90                                   | S 57         | 4                     |
| 7.1                                             | 143                                              | 184.80                | 8050                                                         | 2.1                                    | SF 57        | 4                     |
| 8.4                                             | 125                                              | 158.12                | 8120                                                         | 2.4                                    | SA 57        | 4                     |
| 9.6                                             | 110                                              | 137.05                | 8160                                                         | 2.7                                    | SAF 57       | 4                     |
| 4.3                                             | 215                                              | 201.00                | 5090                                                         | 0.85                                   |              |                       |
| 4.7                                             | 199                                              | 184.80                | 5180                                                         | 0.95                                   | S 47         | 6                     |
| 5.5                                             | 173                                              | 158.12                | 5320                                                         | 1.00                                   | SF 47        | 6                     |
| 6.3                                             | 153                                              | 137.05                | 5420                                                         | 1.10                                   | SA 47        | 6                     |
| 6.8                                             | 144                                              | 128.10                | 5470                                                         | 1.20                                   | SAF 47       | 6                     |
| 6.6                                             | 149                                              | 201.00                | 5440                                                         | 1.15                                   |              |                       |
| 7.1                                             | 138                                              | 184.80                | 5490                                                         | 1.25                                   |              |                       |
| 8.4                                             | 121                                              | 158.12                | 5570                                                         | 1.40                                   |              |                       |
| 9.6                                             | 107                                              | 137.05                | 5630                                                         | 1.60                                   | S 47         | 4                     |
| 10                                              | 100                                              | 128.10                | 5660                                                         | 1.65                                   | SF 47        | 4                     |
| 12                                              | 88                                               | 110.73                | 5700                                                         | 1.90                                   | SA 47        | 4                     |
| 14                                              | 77                                               | 94.08                 | 5750                                                         | 2.2                                    | SAF 47       | 4                     |
| 16                                              | 69                                               | 84.00                 | 5770                                                         | 2.4                                    |              |                       |
| 18                                              | 60                                               | 71.75                 | 5800                                                         | 2.8                                    |              |                       |
| 19                                              | 69                                               | 69.39                 | 5750                                                         | 2.2                                    |              |                       |
| 8.4                                             | 115                                              | 157.43                | 3000                                                         | 0.80                                   |              |                       |
| 9.1                                             | 107                                              | 144.40                | 3000                                                         | 0.85                                   | S 37         | 4                     |
| 11                                              | 93                                               | 122.94                | 3000                                                         | 1.00                                   | SF 37        | 4                     |
| 12                                              | 82                                               | 106.00                | 3000                                                         | 1.10                                   | SA 37        | 4                     |
| 13                                              | 77                                               | 98.80                 | 3000                                                         | 1.15                                   | SAF 37       | 4                     |
| 15                                              | 68                                               | 86.36                 | 3000                                                         | 1.25                                   |              |                       |
| 16                                              | 64                                               | 80.96                 | 3000                                                         | 1.30                                   |              |                       |
| 18                                              | 58                                               | 71.44                 | 3000                                                         | 1.45                                   |              |                       |
| 21                                              | 52                                               | 63.33                 | 3000                                                         | 1.60                                   |              |                       |
| 24                                              | 55                                               | 55.93                 | 3000                                                         | 1.45                                   |              |                       |
| 26                                              | 51                                               | 51.30                 | 3000                                                         | 1.60                                   |              |                       |
| 30                                              | 44                                               | 43.68                 | 3000                                                         | 1.85                                   |              |                       |
| 35                                              | 38                                               | 37.66                 | 3000                                                         | 2.1                                    |              |                       |
| 38                                              | 36                                               | 35.10                 | 3000                                                         | 2.2                                    |              |                       |
| 43                                              | 32                                               | 30.68                 | 3000                                                         | 2.4                                    | S 37         | 4                     |
| 46                                              | 30                                               | 28.76                 | 3000                                                         | 2.5                                    | SF 37        | 4                     |
| 52                                              | 27                                               | 25.38                 | 3000                                                         | 2.8                                    | SA 37        | 4                     |
| 59                                              | 24                                               | 22.50                 | 3000                                                         | 3.1                                    | SAF 37       | 4                     |
| 66                                              | 22                                               | 19.89                 | 3000                                                         | 2.3                                    |              |                       |
| 72                                              | 21                                               | 18.24                 | 2940                                                         | 2.5                                    |              |                       |
| 85                                              | 18                                               | 15.53                 | 2810                                                         | 2.8                                    |              |                       |
| 99                                              | 15                                               | 13.39                 | 2700                                                         | 3.2                                    |              |                       |
| 106                                             | 14                                               | 12.48                 | 2650                                                         | 3.4                                    |              |                       |
| 121                                             | 13                                               | 10.91                 | 2550                                                         | 3.8                                    |              |                       |
| 129                                             | 12                                               | 10.23                 | 2500                                                         | 4.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kW</b>                                   |                                                  |                       |                                                              |                                        |              |                       |
| 0.45                                            | 2860                                             | 2905                  | 24300                                                        | 0.85                                   |              |                       |
| 0.50                                            | 2500                                             | 2586                  | 27500                                                        | 1.00                                   |              |                       |
| 0.56                                            | 2240                                             | 2335                  | 28000                                                        | 1.10                                   | S 87 R57     | 4                     |
| 0.63                                            | 1950                                             | 2054                  | 28500                                                        | 1.30                                   | SF 87 R57    | 4                     |
| 0.71                                            | 1730                                             | 1824                  | 28900                                                        | 1.45                                   | SA 87 R57    | 4                     |
| 0.80                                            | 1550                                             | 1631                  | 29100                                                        | 1.60                                   | SAF 87 R57   | 4                     |
| 1.4                                             | 910                                              | 930                   | 29800                                                        | 2.8                                    |              |                       |
| 1.4                                             | 1230                                             | 954                   | 12100                                                        | 1.00                                   |              |                       |
| 1.5                                             | 1080                                             | 837                   | 13300                                                        | 1.15                                   | S 77 R37     | 4                     |
| 1.8                                             | 910                                              | 714                   | 14400                                                        | 1.35                                   | SF 77 R37    | 4                     |
| 2.0                                             | 810                                              | 637                   | 14900                                                        | 1.55                                   | SA 77 R37    | 4                     |
| 2.3                                             | 730                                              | 574                   | 15200                                                        | 1.70                                   | SAF 77 R37   | 4                     |
| 2.6                                             | 625                                              | 499                   | 15600                                                        | 2.0                                    |              |                       |
| 2.4                                             | 635                                              | 543                   | 7420                                                         | 0.90                                   |              |                       |
| 2.8                                             | 540                                              | 469                   | 8500                                                         | 1.05                                   | S 67 R37     | 4                     |
| 3.1                                             | 485                                              | 424                   | 8970                                                         | 1.15                                   | SF 67 R37    | 4                     |
| 3.6                                             | 430                                              | 365                   | 9390                                                         | 1.30                                   | SA 67 R37    | 4                     |
| 4.1                                             | 375                                              | 319                   | 9750                                                         | 1.50                                   | SAF 67 R37   | 4                     |
| 4.6                                             | 330                                              | 281                   | 9990                                                         | 1.75                                   |              |                       |
| 4.4                                             | 340                                              | 294                   | 6720                                                         | 0.90                                   |              |                       |
| 4.8                                             | 315                                              | 269                   | 6950                                                         | 0.95                                   | S 57 R17     | 4                     |
| 5.7                                             | 270                                              | 229                   | 7330                                                         | 1.10                                   | SF 57 R17    | 4                     |
| 6.4                                             | 245                                              | 204                   | 7530                                                         | 1.25                                   | SA 57 R17    | 4                     |
| 6.9                                             | 225                                              | 187                   | 7660                                                         | 1.35                                   | SAF 57 R17   | 4                     |
| 7.9                                             | 198                                              | 165                   | 7810                                                         | 1.50                                   |              |                       |
| 9.9                                             | 159                                              | 131                   | 7990                                                         | 1.90                                   |              |                       |
| 3.1                                             | 435                                              | 217.41                | 9350                                                         | 1.30                                   | S 67         | 8                     |
| 3.6                                             | 390                                              | 190.11                | 9670                                                         | 1.45                                   | SF 67        | 8                     |
| 3.8                                             | 370                                              | 180.60                | 9770                                                         | 1.50                                   | SA 67        | 8                     |
| 4.3                                             | 330                                              | 158.45                | 9980                                                         | 1.70                                   | SAF 67       | 8                     |
| 4.1                                             | 350                                              | 217.41                | 9890                                                         | 1.60                                   | S 67         | 6                     |
| 4.6                                             | 310                                              | 190.11                | 10100                                                        | 1.80                                   | SF 67        | 6                     |
| 4.9                                             | 295                                              | 180.60                | 10100                                                        | 1.90                                   | SA 67        | 6                     |
| 5.6                                             | 265                                              | 158.45                | 10300                                                        | 2.1                                    | SAF 67       | 6                     |
| 6.0                                             | 245                                              | 217.41                | 10300                                                        | 2.1                                    |              |                       |
| 6.8                                             | 220                                              | 190.11                | 10400                                                        | 2.4                                    | S 67         | 4                     |
| 7.2                                             | 210                                              | 180.60                | 10500                                                        | 2.5                                    | SF 67        | 4                     |
| 8.2                                             | 187                                              | 158.45                | 10500                                                        | 2.8                                    | SA 67        | 4                     |
| 9.7                                             | 161                                              | 134.40                | 10600                                                        | 3.2                                    | SAF 67       | 4                     |
| 11                                              | 147                                              | 121.33                | 10600                                                        | 3.5                                    |              |                       |
| 12                                              | 131                                              | 106.75                | 10700                                                        | 4.0                                    |              |                       |
| 4.4                                             | 305                                              | 201.00                | 7050                                                         | 1.00                                   |              |                       |
| 4.8                                             | 285                                              | 184.80                | 7230                                                         | 1.05                                   | S 57         | 6                     |
| 5.6                                             | 245                                              | 158.12                | 7510                                                         | 1.20                                   | SF 57        | 6                     |
| 6.4                                             | 220                                              | 137.05                | 7690                                                         | 1.35                                   | SA 57        | 6                     |
| 6.9                                             | 205                                              | 128.10                | 7760                                                         | 1.45                                   | SAF 57       | 6                     |
| 6.5                                             | 215                                              | 201.00                | 7700                                                         | 1.35                                   |              |                       |
| 7.0                                             | 200                                              | 184.80                | 7790                                                         | 1.45                                   |              |                       |
| 8.2                                             | 176                                              | 158.12                | 7920                                                         | 1.70                                   | S 57         | 4                     |
| 9.5                                             | 155                                              | 137.05                | 8010                                                         | 1.90                                   | SF 57        | 4                     |
| 10                                              | 146                                              | 128.10                | 8040                                                         | 2.0                                    | SA 57        | 4                     |
| 12                                              | 129                                              | 110.73                | 8110                                                         | 2.3                                    | SAF 57       | 4                     |
| 14                                              | 111                                              | 94.08                 | 8160                                                         | 2.7                                    |              |                       |
| 15                                              | 101                                              | 84.00                 | 8190                                                         | 2.9                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.25kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 6.5                                             | 210                                            | 201.00                | 5120                                                         | 0.80                                   |              |                       |
| 7.0                                             | 195                                            | 184.80                | 5210                                                         | 0.85                                   |              |                       |
| 8.2                                             | 170                                            | 158.12                | 5340                                                         | 1.00                                   |              |                       |
| 9.5                                             | 150                                            | 137.05                | 5440                                                         | 1.10                                   |              |                       |
| 10                                              | 141                                            | 128.10                | 5480                                                         | 1.20                                   |              |                       |
| 12                                              | 124                                            | 110.73                | 5560                                                         | 1.35                                   | S 47         | 4                     |
| 14                                              | 108                                            | 94.08                 | 5630                                                         | 1.55                                   | SF 47        | 4                     |
| 15                                              | 98                                             | 84.00                 | 5670                                                         | 1.70                                   | SA 47        | 4                     |
| 18                                              | 85                                             | 71.75                 | 5720                                                         | 1.95                                   | SAF 47       | 4                     |
| 19                                              | 97                                             | 69.39                 | 5640                                                         | 1.60                                   |              |                       |
| 19                                              | 80                                             | 67.20                 | 5740                                                         | 2.1                                    |              |                       |
| 20                                              | 90                                             | 63.80                 | 5670                                                         | 1.70                                   |              |                       |
| 24                                              | 78                                             | 54.59                 | 5720                                                         | 2.0                                    |              |                       |
| 27                                              | 68                                             | 47.32                 | 5760                                                         | 2.3                                    |              |                       |
| 13                                              | 108                                            | 98.80                 | 3000                                                         | 0.80                                   |              |                       |
| 15                                              | 96                                             | 86.36                 | 3000                                                         | 0.90                                   |              |                       |
| 16                                              | 91                                             | 80.96                 | 3000                                                         | 0.95                                   |              |                       |
| 18                                              | 81                                             | 71.44                 | 3000                                                         | 1.05                                   |              |                       |
| 21                                              | 73                                             | 63.33                 | 3000                                                         | 1.10                                   |              |                       |
| 23                                              | 78                                             | 55.93                 | 3000                                                         | 1.05                                   |              |                       |
| 25                                              | 72                                             | 51.30                 | 3000                                                         | 1.15                                   |              |                       |
| 30                                              | 62                                             | 43.68                 | 3000                                                         | 1.30                                   |              |                       |
| 35                                              | 54                                             | 37.66                 | 3000                                                         | 1.45                                   |              |                       |
| 37                                              | 51                                             | 35.10                 | 3000                                                         | 1.55                                   |              |                       |
| 42                                              | 45                                             | 30.68                 | 3000                                                         | 1.70                                   | S 37         | 4                     |
| 45                                              | 42                                             | 28.76                 | 3000                                                         | 1.80                                   | SF 37        | 4                     |
| 51                                              | 37                                             | 25.38                 | 3000                                                         | 2.0                                    | SA 37        | 4                     |
| 58                                              | 33                                             | 22.50                 | 3000                                                         | 2.2                                    | SAF 37       | 4                     |
| 65                                              | 32                                             | 19.89                 | 2870                                                         | 1.65                                   |              |                       |
| 71                                              | 29                                             | 18.24                 | 2820                                                         | 1.80                                   |              |                       |
| 84                                              | 25                                             | 15.53                 | 2710                                                         | 2.0                                    |              |                       |
| 97                                              | 22                                             | 13.39                 | 2620                                                         | 2.3                                    |              |                       |
| 104                                             | 20                                             | 12.48                 | 2570                                                         | 2.4                                    |              |                       |
| 119                                             | 18                                             | 10.91                 | 2480                                                         | 2.7                                    |              |                       |
| 127                                             | 17                                             | 10.23                 | 2440                                                         | 2.8                                    |              |                       |
| 144                                             | 15                                             | 9.02                  | 2360                                                         | 3.1                                    |              |                       |
| 163                                             | 13                                             | 8.00                  | 2290                                                         | 3.4                                    |              |                       |
| 191                                             | 11                                             | 6.80                  | 2180                                                         | 3.8                                    |              |                       |
| 92                                              | 21                                             | 28.76                 | 2740                                                         | 3.0                                    |              |                       |
| 105                                             | 19                                             | 25.38                 | 2650                                                         | 3.3                                    |              |                       |
| 118                                             | 17                                             | 22.50                 | 2560                                                         | 3.4                                    | S 37         | 2                     |
| 134                                             | 16                                             | 19.89                 | 2410                                                         | 2.8                                    | SF 37        | 2                     |
| 146                                             | 15                                             | 18.24                 | 2350                                                         | 3.0                                    | SA 37        | 2                     |
| 171                                             | 13                                             | 15.53                 | 2250                                                         | 3.4                                    | SAF 37       | 2                     |
| 199                                             | 11                                             | 13.39                 | 2160                                                         | 3.8                                    |              |                       |
| 213                                             | 10                                             | 12.48                 | 2120                                                         | 4.0                                    |              |                       |
| <b>0.37kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 0.67                                            | 2810                                           | 2054                  | 25400                                                        | 0.90                                   | S 87 R57     | 4                     |
| 0.76                                            | 2490                                           | 1824                  | 27500                                                        | 1.00                                   | SF 87 R57    | 4                     |
| 0.85                                            | 2230                                           | 1631                  | 28000                                                        | 1.10                                   | SA 87 R57    | 4                     |
| 1.5                                             | 1320                                           | 930                   | 29400                                                        | 1.90                                   | SAF 87 R57   | 4                     |
| 1.7                                             | 1190                                           | 831                   | 29500                                                        | 2.1                                    |              |                       |
| 1.9                                             | 1290                                           | 714                   | 11500                                                        | 0.95                                   |              |                       |
| 2.2                                             | 1150                                           | 637                   | 12700                                                        | 1.10                                   | S 77 R37     | 4                     |
| 2.4                                             | 1040                                           | 574                   | 13600                                                        | 1.20                                   | SF 77 R37    | 4                     |
| 2.8                                             | 900                                            | 499                   | 14400                                                        | 1.40                                   | SA 77 R37    | 4                     |
| 3.2                                             | 785                                            | 438                   | 15000                                                        | 1.60                                   | SAF 77 R37   | 4                     |
| 3.5                                             | 700                                            | 389                   | 15400                                                        | 1.80                                   |              |                       |
| 3.8                                             | 615                                            | 365                   | 7700                                                         | 0.95                                   | S 67 R37     | 4                     |
| 4.3                                             | 535                                            | 319                   | 8540                                                         | 1.05                                   | SF 67 R37    | 4                     |
| 4.9                                             | 470                                            | 281                   | 9080                                                         | 1.20                                   | SA 67 R37    | 4                     |
| 5.6                                             | 425                                            | 246                   | 9430                                                         | 1.35                                   | SAF 67 R37   | 4                     |
| 2.4                                             | 980                                            | 288.00                | 29700                                                        | 2.5                                    | S 87         | 8                     |
| 2.6                                             | 890                                            | 258.18                | 29800                                                        | 2.8                                    | SF 87        | 8                     |
| 3.1                                             | 775                                            | 222.40                | 29900                                                        | 3.2                                    | SA 87        | 8                     |
|                                                 |                                                |                       |                                                              |                                        | SAF 87       | 8                     |
| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
| <b>0.37kW</b>                                   |                                                |                       |                                                              |                                        |              |                       |
| 3.0                                             | 735                                            | 225.26                | 15200                                                        | 1.75                                   | S 77         | 8                     |
| 3.2                                             | 700                                            | 214.00                | 15300                                                        | 1.80                                   | SF 77        | 8                     |
| 3.6                                             | 630                                            | 189.09                | 15600                                                        | 2.0                                    | SA 77        | 8                     |
| 4.2                                             | 545                                            | 161.60                | 15900                                                        | 2.3                                    | SAF 77       | 8                     |
| 3.5                                             | 645                                            | 256.47                | 15600                                                        | 2.0                                    |              |                       |
| 4.0                                             | 575                                            | 225.26                | 15800                                                        | 2.2                                    | SF 77        | 6                     |
| 4.2                                             | 545                                            | 214.00                | 15900                                                        | 2.3                                    | SA 77        | 6                     |
|                                                 |                                                |                       |                                                              |                                        | SAF 77       | 6                     |
| 4.1                                             | 505                                            | 217.41                | 8810                                                         | 1.10                                   | S 67         | 6                     |
| 4.7                                             | 450                                            | 190.11                | 9260                                                         | 1.25                                   | SF 67        | 6                     |
| 5.0                                             | 430                                            | 180.60                | 9400                                                         | 1.30                                   | SA 67        | 6                     |
| 5.7                                             | 380                                            | 158.45                | 9700                                                         | 1.45                                   | SAF 67       | 6                     |
| 6.3                                             | 345                                            | 217.41                | 9900                                                         | 1.50                                   |              |                       |
| 7.3                                             | 310                                            | 190.11                | 10100                                                        | 1.70                                   | S 67         | 4                     |
| 7.6                                             | 295                                            | 180.60                | 10200                                                        | 1.75                                   | SF 67        | 4                     |
| 8.7                                             | 260                                            | 158.45                | 10300                                                        | 2.0                                    | SA 67        | 4                     |
| 10                                              | 225                                            | 134.40                | 10400                                                        | 2.3                                    | SAF 67       | 4                     |
| 11                                              | 205                                            | 121.33                | 10500                                                        | 2.5                                    |              |                       |
| 5.7                                             | 360                                            | 158.12                | 6490                                                         | 0.80                                   |              |                       |
| 6.6                                             | 315                                            | 137.05                | 6930                                                         | 0.95                                   | S 57         | 6                     |
| 7.0                                             | 300                                            | 128.10                | 7100                                                         | 1.00                                   | SF 57        | 6                     |
| 8.1                                             | 265                                            | 110.73                | 7390                                                         | 1.10                                   | SA 57        | 6                     |
| 9.6                                             | 230                                            | 94.08                 | 7630                                                         | 1.30                                   | SAF 57       | 6                     |
| 11                                              | 205                                            | 84.00                 | 7760                                                         | 1.45                                   |              |                       |
| 6.9                                             | 305                                            | 201.00                | 7050                                                         | 0.95                                   |              |                       |
| 7.5                                             | 285                                            | 184.80                | 7230                                                         | 1.05                                   |              |                       |
| 8.7                                             | 245                                            | 158.12                | 7510                                                         | 1.20                                   |              |                       |
| 10                                              | 220                                            | 137.05                | 7690                                                         | 1.35                                   |              |                       |
| 11                                              | 205                                            | 128.10                | 7770                                                         | 1.45                                   | S 57         | 4                     |
| 12                                              | 180                                            | 110.73                | 7900                                                         | 1.65                                   | SF 57        | 4                     |
| 15                                              | 156                                            | 94.08                 | 8000                                                         | 1.90                                   | SA 57        | 4                     |
| 16                                              | 141                                            | 84.00                 | 8060                                                         | 2.1                                    | SAF 57       | 4                     |
| 19                                              | 122                                            | 71.75                 | 8130                                                         | 2.4                                    |              |                       |
| 20                                              | 139                                            | 69.39                 | 8070                                                         | 1.75                                   |              |                       |
| 21                                              | 115                                            | 67.20                 | 8150                                                         | 2.5                                    |              |                       |
| 22                                              | 128                                            | 63.80                 | 8110                                                         | 1.90                                   |              |                       |
| 10                                              | 210                                            | 137.05                | 5110                                                         | 0.80                                   |              |                       |
| 11                                              | 199                                            | 128.10                | 5190                                                         | 0.85                                   |              |                       |
| 12                                              | 175                                            | 110.73                | 5320                                                         | 0.95                                   |              |                       |
| 15                                              | 151                                            | 94.08                 | 5430                                                         | 1.10                                   |              |                       |
| 16                                              | 137                                            | 84.00                 | 5500                                                         | 1.20                                   |              |                       |
| 19                                              | 119                                            | 71.75                 | 5580                                                         | 1.40                                   |              |                       |
| 20                                              | 136                                            | 69.39                 | 5460                                                         | 1.15                                   |              |                       |
| 21                                              | 112                                            | 67.20                 | 5610                                                         | 1.50                                   |              |                       |
| 22                                              | 126                                            | 63.80                 | 5510                                                         | 1.25                                   | S 47         | 4                     |
| 25                                              | 109                                            | 54.59                 | 5590                                                         | 1.40                                   | SF 47        | 4                     |
| 29                                              | 96                                             | 47.32                 | 5410                                                         | 1.60                                   | SA 47        | 4                     |
| 31                                              | 90                                             | 44.22                 | 5330                                                         | 1.75                                   | SAF 47       | 4                     |
| 36                                              | 78                                             | 38.23                 | 5140                                                         | 2.0                                    |              |                       |
| 42                                              | 67                                             | 32.48                 | 4930                                                         | 2.3                                    |              |                       |
| 48                                              | 60                                             | 29.00                 | 4790                                                         | 2.6                                    |              |                       |
| 56                                              | 52                                             | 24.77                 | 4590                                                         | 3.0                                    |              |                       |
| 59                                              | 49                                             | 23.20                 | 4510                                                         | 3.1                                    |              |                       |
| 68                                              | 46                                             | 20.33                 | 4180                                                         | 2.4                                    |              |                       |
| 78                                              | 40                                             | 17.62                 | 4030                                                         | 2.8                                    |              |                       |
| 84                                              | 37                                             | 16.47                 | 3960                                                         | 3.0                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.37kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 22                                              | 103                                              | 63.33                   | 3000                                                         | 0.80                                   |              |                       |
| 27                                              | 101                                              | 51.30                   | 3000                                                         | 0.80                                   |              |                       |
| 32                                              | 87                                               | 43.68                   | 3000                                                         | 0.95                                   |              |                       |
| 37                                              | 76                                               | 37.66                   | 3000                                                         | 1.05                                   |              |                       |
| 39                                              | 71                                               | 35.10                   | 3000                                                         | 1.10                                   |              |                       |
| 45                                              | 63                                               | 30.68                   | 3000                                                         | 1.20                                   |              |                       |
| 48                                              | 59                                               | 28.76                   | 3000                                                         | 1.30                                   |              |                       |
| 54                                              | 52                                               | 25.38                   | 2940                                                         | 1.40                                   | S 37         | 4                     |
| 61                                              | 47                                               | 22.50                   | 2870                                                         | 1.55                                   | SF 37        | 4                     |
| 69                                              | 44                                               | 19.89                   | 2610                                                         | 1.20                                   | SA 37        | 4                     |
| 76                                              | 41                                               | 18.24                   | 2570                                                         | 1.30                                   | SAF 37       | 4                     |
| 89                                              | 35                                               | 15.53                   | 2500                                                         | 1.45                                   |              |                       |
| 103                                             | 30                                               | 13.39                   | 2420                                                         | 1.60                                   |              |                       |
| 111                                             | 28                                               | 12.48                   | 2390                                                         | 1.70                                   |              |                       |
| 127                                             | 25                                               | 10.91                   | 2320                                                         | 1.95                                   |              |                       |
| 135                                             | 23                                               | 10.23                   | 2280                                                         | 2.0                                    |              |                       |
| 153                                             | 21                                               | 9.02                    | 2220                                                         | 2.2                                    |              |                       |
| 173                                             | 18                                               | 8.00                    | 2150                                                         | 2.5                                    |              |                       |
| 203                                             | 16                                               | 6.80                    | 2070                                                         | 2.7                                    |              |                       |
| 104                                             | 28                                               | 25.38                   | 2540                                                         | 2.2                                    |              |                       |
| 118                                             | 25                                               | 22.50                   | 2460                                                         | 2.3                                    |              |                       |
| 133                                             | 24                                               | 19.89                   | 2290                                                         | 1.85                                   |              |                       |
| 145                                             | 22                                               | 18.24                   | 2250                                                         | 2.0                                    | S 37         | 2                     |
| 171                                             | 19                                               | 15.53                   | 2160                                                         | 2.3                                    | SF 37        | 2                     |
| 198                                             | 16                                               | 13.39                   | 2080                                                         | 2.5                                    | SA 37        | 2                     |
| 212                                             | 15                                               | 12.48                   | 2040                                                         | 2.7                                    | SAF 37       | 2                     |
| 243                                             | 13                                               | 10.91                   | 1970                                                         | 3.0                                    |              |                       |
| 259                                             | 12                                               | 10.23                   | 1940                                                         | 3.1                                    |              |                       |
| 294                                             | 11                                               | 9.02                    | 1870                                                         | 3.3                                    |              |                       |
| <b>0.55kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 1.0                                             | 2810                                             | 1332                    | 25400                                                        | 0.90                                   |              |                       |
| 1.1                                             | 2540                                             | 1191                    | 27400                                                        | 1.00                                   | S 87 R57     | 4                     |
| 1.3                                             | 2210                                             | 1032                    | 28100                                                        | 1.15                                   | SF 87 R57    | 4                     |
| 1.5                                             | 2040                                             | 930                     | 28400                                                        | 1.25                                   | SA 87 R57    | 4                     |
| 1.6                                             | 1840                                             | 831                     | 28700                                                        | 1.35                                   | SAF 87 R57   | 4                     |
| 1.9                                             | 1600                                             | 719                     | 29000                                                        | 1.55                                   |              |                       |
| 2.2                                             | 1400                                             | 624                     | 29300                                                        | 1.80                                   |              |                       |
| 2.4                                             | 1270                                             | 558                     | 29400                                                        | 1.95                                   |              |                       |
| 3.1                                             | 1010                                             | 435                     | 29700                                                        | 2.4                                    |              |                       |
| 3.1                                             | 1210                                             | 438                     | 12300                                                        | 1.05                                   | S 77 R37     | 4                     |
| 3.5                                             | 1070                                             | 389                     | 13300                                                        | 1.15                                   | SF 77 R37    | 4                     |
| 4.2                                             | 910                                              | 327                     | 14300                                                        | 1.35                                   | SA 77 R37    | 4                     |
| 4.7                                             | 820                                              | 289                     | 14800                                                        | 1.50                                   | SAF 77 R37   | 4                     |
| 5.4                                             | 710                                              | 250                     | 15300                                                        | 1.75                                   |              |                       |
| 5.5                                             | 650                                              | 246                     | 6600                                                         | 0.90                                   | S 67 R37     | 4                     |
| 6.2                                             | 580                                              | 221                     | 8080                                                         | 1.00                                   | SF 67 R37    | 4                     |
| 6.9                                             | 530                                              | 198                     | 8590                                                         | 1.10                                   | SA 67 R37    | 4                     |
| 8.1                                             | 455                                              | 168                     | 9230                                                         | 1.25                                   | SAF 67 R37   | 4                     |
| 2.4                                             | 1450                                             | 288.00                  | 29200                                                        | 1.70                                   | S 87         | 8                     |
| 2.6                                             | 1320                                             | 258.18                  | 29400                                                        | 1.85                                   | SF 87        | 8                     |
| 3.1                                             | 1150                                             | 222.40                  | 29600                                                        | 2.1                                    | SA 87        | 8                     |
|                                                 |                                                  |                         |                                                              |                                        | SAF 87       | 8                     |
| 3.1                                             | 1130                                             | 288.00                  | 29600                                                        | 2.2                                    | S 87         | 6                     |
| 3.5                                             | 1020                                             | 258.18                  | 29700                                                        | 2.4                                    | SF 87        | 6                     |
| 4.1                                             | 900                                              | 222.40                  | 29800                                                        | 2.7                                    | SA 87        | 6                     |
| 4.4                                             | 820                                              | 202.96                  | 29800                                                        | 2.9                                    | SAF 87       | 6                     |
| 3.0                                             | 1090                                             | 225.26                  | 13200                                                        | 1.15                                   | S 77         | 8                     |
| 3.2                                             | 1040                                             | 214.00                  | 13500                                                        | 1.20                                   | SF 77        | 8                     |
| 3.6                                             | 930                                              | 189.09                  | 14200                                                        | 1.35                                   | SA 77        | 8                     |
| 4.2                                             | 810                                              | 161.60                  | 14900                                                        | 1.55                                   | SAF 77       | 8                     |
| 3.5                                             | 960                                              | 256.47                  | 14100                                                        | 1.35                                   | S 77         | 6                     |
| 4.0                                             | 850                                              | 225.26                  | 14700                                                        | 1.50                                   | SF 77        | 6                     |
| 4.2                                             | 810                                              | 214.00                  | 14800                                                        | 1.55                                   | SA 77        | 6                     |
| 4.8                                             | 730                                              | 189.09                  | 15200                                                        | 1.75                                   | SAF 77       | 6                     |
| 5.6                                             | 635                                              | 161.60                  | 15600                                                        | 2.0                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                  |                         |                                                              |                                        |              |                       |
| 5.3                                             | 660                                              | 256.47                  | 15500                                                        | 1.90                                   | S 77         | 4                     |
| 6.0                                             | 590                                              | 225.26                  | 15800                                                        | 2.2                                    | SF 77        | 4                     |
| 6.4                                             | 560                                              | 214.00                  | 15800                                                        | 2.3                                    | SA 77        | 4                     |
| 7.2                                             | 505                                              | 189.09                  | 16000                                                        | 2.5                                    | SAF 77       | 4                     |
| 6.3                                             | 520                                              | 217.41                  | 8660                                                         | 1.00                                   |              |                       |
| 7.2                                             | 465                                              | 190.11                  | 9150                                                         | 1.10                                   |              |                       |
| 7.5                                             | 445                                              | 180.60                  | 9300                                                         | 1.15                                   |              |                       |
| 8.6                                             | 395                                              | 158.45                  | 9620                                                         | 1.30                                   | S 67         | 4                     |
| 10                                              | 340                                              | 134.40                  | 9930                                                         | 1.55                                   | SF 67        | 4                     |
| 11                                              | 310                                              | 121.33                  | 10100                                                        | 1.65                                   | SA 67        | 4                     |
| 13                                              | 275                                              | 106.75                  | 10200                                                        | 1.85                                   | SAF 67       | 4                     |
| 13                                              | 265                                              | 100.80                  | 10300                                                        | 1.95                                   |              |                       |
| 16                                              | 230                                              | 85.83                   | 10400                                                        | 2.3                                    |              |                       |
| 18                                              | 230                                              | 75.06                   | 10400                                                        | 2.1                                    |              |                       |
| 21                                              | 205                                              | 65.63                   | 10500                                                        | 2.3                                    |              |                       |
| 9.6                                             | 340                                              | 94.08                   | 6710                                                         | 0.85                                   |              |                       |
| 11                                              | 305                                              | 84.00                   | 7030                                                         | 0.95                                   |              |                       |
| 13                                              | 265                                              | 71.75                   | 7360                                                         | 1.10                                   | S 57         | 6                     |
| 13                                              | 250                                              | 67.20                   | 7470                                                         | 1.15                                   | SF 57        | 6                     |
| 16                                              | 245                                              | 54.59                   | 7520                                                         | 1.10                                   | SA 57        | 6                     |
| 19                                              | 215                                              | 47.32                   | 7710                                                         | 1.25                                   | SAF 57       | 6                     |
| 20                                              | 200                                              | 44.22                   | 7790                                                         | 1.35                                   |              |                       |
| 24                                              | 176                                              | 38.23                   | 7920                                                         | 1.55                                   |              |                       |
| 8.6                                             | 370                                              | 158.12                  | 6330                                                         | 0.80                                   |              |                       |
| 9.9                                             | 330                                              | 137.05                  | 6820                                                         | 0.90                                   |              |                       |
| 11                                              | 310                                              | 128.10                  | 7010                                                         | 0.95                                   |              |                       |
| 12                                              | 270                                              | 110.73                  | 7320                                                         | 1.10                                   |              |                       |
| 14                                              | 235                                              | 94.08                   | 7590                                                         | 1.25                                   |              |                       |
| 16                                              | 210                                              | 84.00                   | 7730                                                         | 1.40                                   |              |                       |
| 19                                              | 184                                              | 71.75                   | 7880                                                         | 1.55                                   | S 57         | 4                     |
| 20                                              | 174                                              | 67.20                   | 7930                                                         | 1.65                                   | SF 57        | 4                     |
| 25                                              | 167                                              | 54.59                   | 7960                                                         | 1.45                                   | SA 57        | 4                     |
| 29                                              | 146                                              | 47.32                   | 8040                                                         | 1.70                                   | SAF 57       | 4                     |
| 31                                              | 137                                              | 44.22                   | 8080                                                         | 1.80                                   |              |                       |
| 36                                              | 120                                              | 38.23                   | 8130                                                         | 2.0                                    |              |                       |
| 42                                              | 103                                              | 32.48                   | 7970                                                         | 2.4                                    |              |                       |
| 47                                              | 92                                               | 29.00                   | 7730                                                         | 2.7                                    |              |                       |
| 55                                              | 79                                               | 24.77                   | 7390                                                         | 3.1                                    |              |                       |
| 59                                              | 75                                               | 23.20                   | 7250                                                         | 3.3                                    |              |                       |
| 67                                              | 69                                               | 20.33                   | 6760                                                         | 2.4                                    |              |                       |
| 16                                              | 205                                              | 84.00                   | 5140                                                         | 0.80                                   |              |                       |
| 19                                              | 179                                              | 71.75                   | 5290                                                         | 0.95                                   |              |                       |
| 20                                              | 169                                              | 67.20                   | 5350                                                         | 1.00                                   |              |                       |
| 25                                              | 165                                              | 54.59                   | 5130                                                         | 0.95                                   |              |                       |
| 29                                              | 144                                              | 47.32                   | 5010                                                         | 1.10                                   |              |                       |
| 31                                              | 135                                              | 44.22                   | 4950                                                         | 1.15                                   |              |                       |
| 36                                              | 118                                              | 38.23                   | 4810                                                         | 1.30                                   | S 47         | 4                     |
| 42                                              | 101                                              | 32.48                   | 4650                                                         | 1.55                                   | SF 47        | 4                     |
| 47                                              | 91                                               | 29.00                   | 4540                                                         | 1.70                                   | SA 47        | 4                     |
| 55                                              | 78                                               | 24.77                   | 4380                                                         | 2.0                                    | SAF 47       | 4                     |
| 59                                              | 74                                               | 23.20                   | 4310                                                         | 2.1                                    |              |                       |
| 67                                              | 69                                               | 20.33                   | 3920                                                         | 1.60                                   |              |                       |
| 77                                              | 60                                               | 17.62                   | 3810                                                         | 1.85                                   |              |                       |
| 83                                              | 56                                               | 16.47                   | 3750                                                         | 1.95                                   |              |                       |
| 96                                              | 49                                               | 14.24                   | 3630                                                         | 2.2                                    |              |                       |
| 112                                             | 42                                               | 12.10                   | 3500                                                         | 2.6                                    |              |                       |
| 126                                             | 37                                               | 10.80                   | 3400                                                         | 2.9                                    |              |                       |
| 147                                             | 32                                               | 9.23                    | 3270                                                         | 3.4                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.55kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 44                                              | 94                                             | 30.68                   | 2680                                                         | 0.80                                   |              |                       |
| 47                                              | 89                                             | 28.76                   | 2670                                                         | 0.85                                   |              |                       |
| 54                                              | 79                                             | 25.38                   | 2630                                                         | 0.95                                   |              |                       |
| 60                                              | 70                                             | 22.50                   | 2600                                                         | 1.05                                   |              |                       |
| 71                                              | 60                                             | 19.13                   | 2540                                                         | 1.20                                   | S 37         | 4                     |
| 88                                              | 53                                             | 15.53                   | 2230                                                         | 0.95                                   | SF 37        | 4                     |
| 102                                             | 46                                             | 13.39                   | 2200                                                         | 1.10                                   | SA 37        | 4                     |
| 109                                             | 43                                             | 12.48                   | 2180                                                         | 1.15                                   | SAF 37       | 4                     |
| 125                                             | 37                                             | 10.91                   | 2130                                                         | 1.30                                   |              |                       |
| 133                                             | 35                                             | 10.23                   | 2110                                                         | 1.35                                   |              |                       |
| 151                                             | 31                                             | 9.02                    | 2070                                                         | 1.50                                   |              |                       |
| 170                                             | 28                                             | 8.00                    | 2020                                                         | 1.60                                   |              |                       |
| 200                                             | 24                                             | 6.80                    | 1950                                                         | 1.80                                   |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 94                                              | 46                                             | 28.76                   | 2420                                                         | 1.40                                   |              |                       |
| 106                                             | 41                                             | 25.38                   | 2360                                                         | 1.50                                   |              |                       |
| 120                                             | 37                                             | 22.50                   | 2310                                                         | 1.55                                   |              |                       |
| 136                                             | 34                                             | 19.89                   | 2100                                                         | 1.30                                   |              |                       |
| 148                                             | 32                                             | 18.24                   | 2070                                                         | 1.40                                   | S 37         | 2                     |
| 174                                             | 27                                             | 15.53                   | 2010                                                         | 1.55                                   | SF 37        | 2                     |
| 202                                             | 24                                             | 13.39                   | 1950                                                         | 1.75                                   | SA 37        | 2                     |
| 216                                             | 22                                             | 12.48                   | 1920                                                         | 1.85                                   | SAF 37       | 2                     |
| 248                                             | 19                                             | 10.91                   | 1870                                                         | 2.0                                    |              |                       |
| 264                                             | 18                                             | 10.23                   | 1840                                                         | 2.1                                    |              |                       |
| 299                                             | 16                                             | 9.02                    | 1780                                                         | 2.2                                    |              |                       |
| 338                                             | 14                                             | 8.00                    | 1730                                                         | 2.5                                    |              |                       |
| 397                                             | 12                                             | 6.80                    | 1660                                                         | 2.4                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| <b>0.75kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 1.1                                             | 4840                                           | 1223                    | 21300                                                        | 0.85                                   |              |                       |
| 1.3                                             | 4240                                           | 1070                    | 30700                                                        | 1.00                                   |              |                       |
| 1.5                                             | 3650                                           | 928                     | 33900                                                        | 1.15                                   | S 97R57      | 4                     |
| 1.7                                             | 3230                                           | 824                     | 34600                                                        | 1.30                                   | SF 97R57     | 4                     |
| 1.9                                             | 2300                                           | 714                     | 35900                                                        | 1.85                                   | SA 97R57     | 4                     |
| 2.2                                             | 2450                                           | 626                     | 35700                                                        | 1.70                                   | SAF 97R57    | 4                     |
| 2.6                                             | 2110                                           | 538                     | 36100                                                        | 2.0                                    |              |                       |
| 2.8                                             | 1900                                           | 484                     | 36300                                                        | 2.2                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 1.3                                             | 3030                                           | 1032                    | 18700                                                        | 0.85                                   |              |                       |
| 1.5                                             | 2780                                           | 930                     | 25900                                                        | 0.90                                   |              |                       |
| 1.7                                             | 2510                                           | 831                     | 2750                                                         | 1.00                                   | S 87R57      | 4                     |
| 1.9                                             | 2190                                           | 719                     | 28100                                                        | 1.15                                   | SF 87R57     | 4                     |
| 2.2                                             | 1920                                           | 624                     | 28600                                                        | 1.30                                   | SA 87R57     | 4                     |
| 2.5                                             | 1730                                           | 558                     | 28900                                                        | 1.45                                   | SAF 87R57    | 4                     |
| 3.2                                             | 1390                                           | 435                     | 29300                                                        | 1.75                                   |              |                       |
| 4.3                                             | 1060                                           | 323                     | 29600                                                        | 2.3                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 4.2                                             | 1240                                           | 327                     | 12000                                                        | 1.00                                   | S 77R37      | 4                     |
| 4.8                                             | 1110                                           | 289                     | 13100                                                        | 1.10                                   | SF 77R37     | 4                     |
| 5.5                                             | 960                                            | 250                     | 14000                                                        | 1.30                                   | SA 77R37     | 4                     |
| 6.3                                             | 850                                            | 219                     | 14700                                                        | 1.45                                   | SAF 77R37    | 4                     |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 2.4                                             | 2040                                           | 286.40                  | 36100                                                        | 2.1                                    | S 97         | 8                     |
| 2.6                                             | 1890                                           | 262.22                  | 36300                                                        | 2.2                                    | SF 97        | 8                     |
| 3.0                                             | 1690                                           | 231.67                  | 36400                                                        | 2.5                                    | SA 97        | 8                     |
|                                                 |                                                |                         |                                                              |                                        | SAF 97       | 8                     |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 3.1                                             | 1540                                           | 288.00                  | 29100                                                        | 1.60                                   | S 87         | 6                     |
| 3.5                                             | 1400                                           | 258.18                  | 29300                                                        | 1.75                                   | SF 87        | 6                     |
| 4.1                                             | 1220                                           | 222.40                  | 29500                                                        | 1.95                                   | SA 87        | 6                     |
| 4.4                                             | 1120                                           | 202.96                  | 29600                                                        | 2.1                                    | SAF 87       | 6                     |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 4.8                                             | 1050                                           | 288.00                  | 29600                                                        | 2.2                                    | S 87         | 4                     |
| 5.3                                             | 950                                            | 258.18                  | 29700                                                        | 2.4                                    | SF 87        | 4                     |
| 6.2                                             | 830                                            | 222.40                  | 29800                                                        | 2.8                                    | SA 87        | 4                     |
| 6.8                                             | 765                                            | 202.96                  | 29900                                                        | 3.0                                    | SAF 87       | 4                     |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 4.0                                             | 1160                                           | 225.26                  | 12700                                                        | 1.10                                   | S 77         | 6                     |
| 4.2                                             | 1110                                           | 214.00                  | 13100                                                        | 1.15                                   | SF 77        | 6                     |
| 4.8                                             | 990                                            | 189.09                  | 13900                                                        | 1.30                                   | SA 77        | 6                     |
| 5.6                                             | 860                                            | 161.60                  | 14600                                                        | 1.45                                   | SAF 77       | 6                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>0.75kW</b>                                   |                                                |                         |                                                              |                                        |              |                       |
| 5.4                                             | 890                                            | 256.47                  | 14500                                                        | 1.45                                   |              |                       |
| 6.1                                             | 790                                            | 225.26                  | 14900                                                        | 1.60                                   |              |                       |
| 6.4                                             | 755                                            | 214.00                  | 15100                                                        | 1.70                                   | S 77         | 4                     |
| 7.3                                             | 675                                            | 189.09                  | 15400                                                        | 1.90                                   | SF 77        | 4                     |
| 8.5                                             | 585                                            | 161.60                  | 15800                                                        | 2.2                                    | SA 77        | 4                     |
| 9.3                                             | 545                                            | 148.15                  | 15900                                                        | 2.3                                    | SAF 77       | 4                     |
| 11                                              | 480                                            | 130.00                  | 16000                                                        | 2.5                                    |              |                       |
| 11                                              | 460                                            | 123.20                  | 16000                                                        | 2.6                                    |              |                       |
| 13                                              | 405                                            | 107.83                  | 16000                                                        | 2.9                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 7.3                                             | 625                                            | 190.11                  | 7570                                                         | 0.85                                   |              |                       |
| 7.6                                             | 595                                            | 180.60                  | 7900                                                         | 0.85                                   |              |                       |
| 8.7                                             | 530                                            | 158.45                  | 8570                                                         | 1.00                                   |              |                       |
| 10                                              | 460                                            | 134.40                  | 9480                                                         | 1.15                                   |              |                       |
| 11                                              | 420                                            | 121.33                  | 9470                                                         | 1.25                                   | S 67         | 4                     |
| 13                                              | 375                                            | 106.75                  | 9750                                                         | 1.40                                   | SF 67        | 4                     |
| 14                                              | 355                                            | 100.80                  | 9860                                                         | 1.45                                   | SA 67        | 4                     |
| 16                                              | 305                                            | 85.83                   | 10100                                                        | 1.70                                   | SAF 67       | 4                     |
| 18                                              | 310                                            | 75.06                   | 10100                                                        | 1.55                                   |              |                       |
| 21                                              | 275                                            | 65.63                   | 10200                                                        | 1.75                                   |              |                       |
| 22                                              | 260                                            | 62.35                   | 10300                                                        | 1.85                                   |              |                       |
| 25                                              | 230                                            | 54.70                   | 10300                                                        | 2.1                                    |              |                       |
| 30                                              | 198                                            | 46.40                   | 9840                                                         | 2.4                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 13                                              | 365                                            | 71.75                   | 6430                                                         | 0.80                                   | S 57         | 6                     |
| 13                                              | 345                                            | 67.20                   | 6660                                                         | 0.85                                   | SF 57        | 6                     |
| 16                                              | 295                                            | 56.64                   | 7140                                                         | 1.00                                   | SA 57        | 6                     |
| 19                                              | 295                                            | 47.32                   | 7150                                                         | 0.90                                   | SAF 57       | 6                     |
| 20                                              | 275                                            | 44.22                   | 7300                                                         | 1.00                                   |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 12                                              | 365                                            | 110.73                  | 6400                                                         | 0.80                                   |              |                       |
| 15                                              | 315                                            | 94.08                   | 6930                                                         | 0.95                                   |              |                       |
| 16                                              | 285                                            | 84.00                   | 7210                                                         | 1.05                                   |              |                       |
| 19                                              | 250                                            | 71.75                   | 7500                                                         | 1.15                                   |              |                       |
| 21                                              | 235                                            | 67.20                   | 7590                                                         | 1.20                                   |              |                       |
| 25                                              | 225                                            | 54.59                   | 7650                                                         | 1.10                                   |              |                       |
| 29                                              | 197                                            | 47.32                   | 7810                                                         | 1.25                                   |              |                       |
| 31                                              | 185                                            | 44.22                   | 7870                                                         | 1.35                                   | S 57         | 4                     |
| 36                                              | 161                                            | 38.23                   | 7980                                                         | 1.50                                   | SF 57        | 4                     |
| 42                                              | 138                                            | 32.48                   | 7670                                                         | 1.80                                   | SA 57        | 4                     |
| 48                                              | 124                                            | 29.00                   | 7450                                                         | 2.0                                    | SAF 57       | 4                     |
| 56                                              | 107                                            | 24.77                   | 7150                                                         | 2.3                                    |              |                       |
| 59                                              | 100                                            | 23.20                   | 7030                                                         | 2.5                                    |              |                       |
| 68                                              | 93                                             | 20.33                   | 6490                                                         | 1.80                                   |              |                       |
| 78                                              | 81                                             | 17.62                   | 6260                                                         | 2.1                                    |              |                       |
| 84                                              | 76                                             | 16.47                   | 6160                                                         | 2.2                                    |              |                       |
| 97                                              | 66                                             | 14.24                   | 5930                                                         | 2.6                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 29                                              | 194                                            | 47.32                   | 4530                                                         | 0.80                                   | S 47         | 4                     |
| 31                                              | 182                                            | 44.22                   | 4500                                                         | 0.85                                   | SF 47        | 4                     |
| 36                                              | 159                                            | 38.23                   | 4420                                                         | 1.00                                   | SA 47        | 4                     |
| 42                                              | 136                                            | 32.48                   | 4310                                                         | 1.15                                   | SAF 47       | 4                     |
| 48                                              | 122                                            | 29.00                   | 4230                                                         | 1.25                                   |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 56                                              | 106                                            | 24.77                   | 4110                                                         | 1.45                                   |              |                       |
| 59                                              | 99                                             | 23.20                   | 4060                                                         | 1.55                                   |              |                       |
| 68                                              | 93                                             | 20.33                   | 3610                                                         | 1.20                                   |              |                       |
| 78                                              | 81                                             | 17.62                   | 3530                                                         | 1.35                                   |              |                       |
| 84                                              | 76                                             | 16.47                   | 3490                                                         | 1.45                                   | S 47         | 4                     |
| 97                                              | 66                                             | 14.24                   | 3410                                                         | 1.65                                   | SF 47        | 4                     |
| 114                                             | 56                                             | 12.10                   | 3300                                                         | 1.95                                   | SA 47        | 4                     |
| 128                                             | 50                                             | 10.80                   | 3230                                                         | 2.2                                    | SAF 47       | 4                     |
| 150                                             | 43                                             | 9.23                    | 3120                                                         | 2.5                                    |              |                       |
| 160                                             | 41                                             | 8.64                    | 3070                                                         | 2.7                                    |              |                       |
| 190                                             | 34                                             | 7.28                    | 2950                                                         | 3.0                                    |              |                       |
|                                                 |                                                |                         |                                                              |                                        |              |                       |
| 72                                              | 81                                             | 19.13                   | 2270                                                         | 0.85                                   |              |                       |
| 111                                             | 57                                             | 12.48                   | 1930                                                         | 0.85                                   | S 37         | 4                     |
| 127                                             | 50                                             | 10.91                   | 1920                                                         | 0.95                                   | SF 37        | 4                     |
| 135                                             | 47                                             | 10.23                   | 1910                                                         | 1.00                                   | SA 37        | 4                     |
| 153                                             | 42                                             | 9.02                    | 1890                                                         | 1.10                                   | SAF 37       | 4                     |
| 173                                             | 37                                             | 8.00                    | 1860                                                         | 1.20                                   |              |                       |
| 203                                             | 32                                             | 6.80                    | 1820                                                         | 1.35                                   |              |                       |



| 输出<br>转速<br>Output<br>speed<br>n <sub>s</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>s</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>Ra</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>s</sub> | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------|--------------|-----------------------|
| <b>0.75kW</b>                                            |                                                         |                       |                                                                     |                                                 |              |                       |
| 141                                                      | 43                                                      | 19.13                 | 2090                                                                | 1.05                                            |              |                       |
| 174                                                      | 37                                                      | 15.53                 | 1860                                                                | 1.15                                            |              |                       |
| 202                                                      | 32                                                      | 13.39                 | 1820                                                                | 1.30                                            | S            | 37 2                  |
| 216                                                      | 30                                                      | 12.48                 | 1800                                                                | 1.35                                            | SF           | 37 2                  |
| 248                                                      | 26                                                      | 10.91                 | 1760                                                                | 1.50                                            | SA           | 37 2                  |
| 264                                                      | 25                                                      | 10.23                 | 1740                                                                | 1.55                                            | SAF          | 37 2                  |
| 299                                                      | 22                                                      | 9.02                  | 1690                                                                | 1.65                                            |              |                       |
| 338                                                      | 19                                                      | 8.00                  | 1650                                                                | 1.80                                            |              |                       |
| 397                                                      | 17                                                      | 6.80                  | 1590                                                                | 1.75                                            |              |                       |
| <b>1.1kW</b>                                             |                                                         |                       |                                                                     |                                                 |              |                       |
| 1.7                                                      | 4720                                                    | 824                   | 23300                                                               | 0.90                                            |              |                       |
| 2.0                                                      | 3370                                                    | 714                   | 34400                                                               | 1.25                                            | S            | 97 R57 4              |
| 2.2                                                      | 3590                                                    | 626                   | 34000                                                               | 1.15                                            | SF           | 97 R57 4              |
| 2.6                                                      | 3090                                                    | 538                   | 34800                                                               | 1.35                                            | SA           | 97 R57 4              |
| 2.9                                                      | 2790                                                    | 484                   | 35200                                                               | 1.50                                            | SAF          | 97 R57 4              |
| 3.3                                                      | 2430                                                    | 420                   | 35700                                                               | 1.75                                            |              |                       |
| 2.2                                                      | 2820                                                    | 624                   | 25400                                                               | 0.90                                            |              |                       |
| 2.5                                                      | 2550                                                    | 558                   | 27400                                                               | 1.00                                            |              |                       |
| 2.9                                                      | 2240                                                    | 485                   | 28000                                                               | 1.10                                            |              |                       |
| 3.2                                                      | 2040                                                    | 435                   | 28400                                                               | 1.20                                            | S            | 87 R57 4              |
| 3.7                                                      | 1790                                                    | 378                   | 28800                                                               | 1.35                                            | SF           | 87 R57 4              |
| 4.3                                                      | 1560                                                    | 323                   | 29100                                                               | 1.55                                            | SA           | 87 R57 4              |
| 5.0                                                      | 1370                                                    | 281                   | 29300                                                               | 1.75                                            | SAF          | 87 R57 4              |
| 5.5                                                      | 1460                                                    | 255                   | 29200                                                               | 1.35                                            |              |                       |
| 6.3                                                      | 1280                                                    | 222                   | 29400                                                               | 1.55                                            |              |                       |
| 6.8                                                      | 1200                                                    | 205                   | 29500                                                               | 1.65                                            |              |                       |
| 6.4                                                      | 1240                                                    | 219                   | 12000                                                               | 1.00                                            | S            | 77 R37 4              |
|                                                          |                                                         |                       |                                                                     |                                                 | SF           | 77 R37 4              |
|                                                          |                                                         |                       |                                                                     |                                                 | SA           | 77 R37 4              |
|                                                          |                                                         |                       |                                                                     |                                                 | SAF          | 77 R37 4              |
| 2.4                                                      | 3030                                                    | 286.40                | 34900                                                               | 1.40                                            | S            | 97 8                  |
| 2.6                                                      | 2800                                                    | 262.22                | 35200                                                               | 1.50                                            | SF           | 97 8                  |
| 2.9                                                      | 2500                                                    | 231.67                | 35600                                                               | 1.70                                            | SA           | 97 8                  |
| 3.5                                                      | 2160                                                    | 196.52                | 36000                                                               | 1.95                                            | SAF          | 97 8                  |
| 3.2                                                      | 2310                                                    | 286.40                | 35900                                                               | 1.80                                            | S            | 97 6                  |
| 3.5                                                      | 2130                                                    | 262.22                | 36000                                                               | 1.95                                            | SF           | 97 6                  |
| 4.0                                                      | 1900                                                    | 231.67                | 36300                                                               | 2.2                                             | SA           | 97 6                  |
|                                                          |                                                         |                       |                                                                     |                                                 | SAF          | 97 6                  |
| 3.2                                                      | 2220                                                    | 288.00                | 28100                                                               | 1.10                                            | S            | 87 6                  |
| 3.6                                                      | 2010                                                    | 258.18                | 28400                                                               | 1.20                                            | SF           | 87 6                  |
| 4.1                                                      | 1760                                                    | 222.40                | 28800                                                               | 1.35                                            | SA           | 87 6                  |
| 4.5                                                      | 1620                                                    | 202.96                | 29000                                                               | 1.45                                            | SAF          | 87 6                  |
| 4.9                                                      | 1520                                                    | 288.00                | 29100                                                               | 1.50                                            |              |                       |
| 5.4                                                      | 1370                                                    | 258.18                | 29300                                                               | 1.65                                            | S            | 87 4                  |
| 6.3                                                      | 1200                                                    | 222.40                | 29500                                                               | 1.90                                            | SF           | 87 4                  |
| 6.9                                                      | 1100                                                    | 202.96                | 29600                                                               | 2.0                                             | SA           | 87 4                  |
| 7.8                                                      | 990                                                     | 180.00                | 29700                                                               | 2.2                                             | SAF          | 87 4                  |
| 9.2                                                      | 840                                                     | 151.30                | 29800                                                               | 2.5                                             |              |                       |
| 6.2                                                      | 1150                                                    | 225.26                | 12800                                                               | 1.10                                            |              |                       |
| 6.5                                                      | 1100                                                    | 214.00                | 13200                                                               | 1.15                                            |              |                       |
| 7.4                                                      | 980                                                     | 189.09                | 13900                                                               | 1.30                                            |              |                       |
| 8.7                                                      | 850                                                     | 161.60                | 14700                                                               | 1.50                                            | S            | 77 4                  |
| 9.4                                                      | 785                                                     | 148.15                | 15000                                                               | 1.60                                            | SF           | 77 4                  |
| 11                                                       | 695                                                     | 130.00                | 15400                                                               | 1.75                                            | SA           | 77 4                  |
| 11                                                       | 665                                                     | 123.20                | 15500                                                               | 1.80                                            | SAF          | 77 4                  |
| 13                                                       | 585                                                     | 107.83                | 15800                                                               | 2.0                                             |              |                       |
| 14                                                       | 535                                                     | 97.14                 | 15900                                                               | 2.1                                             |              |                       |
| 16                                                       | 470                                                     | 85.22                 | 16000                                                               | 2.3                                             |              |                       |

| 输出<br>转速<br>Output<br>speed<br>n <sub>s</sub><br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>M <sub>s</sub><br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>F <sub>Ra</sub><br>[N] | 使用<br>系数<br>Service<br>factor<br>f <sub>s</sub> | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|----------------------------------------------------------|---------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------------------|--------------|-----------------------|
| <b>1.1kW</b>                                             |                                                         |                       |                                                                     |                                                 |              |                       |
| 12                                                       | 605                                                     | 121.33                | 7790                                                                | 0.85                                            |              |                       |
| 13                                                       | 540                                                     | 106.75                | 8490                                                                | 0.95                                            |              |                       |
| 14                                                       | 515                                                     | 100.80                | 8740                                                                | 1.00                                            |              |                       |
| 16                                                       | 445                                                     | 85.83                 | 9300                                                                | 1.15                                            |              |                       |
| 18                                                       | 405                                                     | 78.00                 | 9550                                                                | 1.30                                            | S            | 67 4                  |
| 21                                                       | 400                                                     | 65.63                 | 9610                                                                | 1.20                                            | SF           | 67 4                  |
| 22                                                       | 380                                                     | 62.35                 | 9720                                                                | 1.25                                            | SA           | 67 4                  |
| 26                                                       | 335                                                     | 54.70                 | 9560                                                                | 1.45                                            | SAF          | 67 4                  |
| 30                                                       | 285                                                     | 46.40                 | 9240                                                                | 1.65                                            |              |                       |
| 33                                                       | 260                                                     | 41.89                 | 9040                                                                | 1.85                                            |              |                       |
| 38                                                       | 230                                                     | 36.85                 | 8780                                                                | 2.1                                             |              |                       |
| 40                                                       | 220                                                     | 34.80                 | 8660                                                                | 2.2                                             |              |                       |
| 47                                                       | 187                                                     | 29.63                 | 8330                                                                | 2.6                                             |              |                       |
| 20                                                       | 360                                                     | 71.75                 | 6480                                                                | 0.80                                            | S            | 57 4                  |
| 21                                                       | 340                                                     | 67.20                 | 6710                                                                | 0.85                                            | SF           | 57 4                  |
| 25                                                       | 290                                                     | 56.61                 | 7180                                                                | 0.90                                            | SA           | 57 4                  |
| 30                                                       | 285                                                     | 47.32                 | 7220                                                                | 0.85                                            | SAF          | 57 4                  |
| 32                                                       | 265                                                     | 44.22                 | 7360                                                                | 0.90                                            |              |                       |
| 37                                                       | 235                                                     | 38.23                 | 7410                                                                | 1.05                                            |              |                       |
| 43                                                       | 200                                                     | 32.48                 | 7170                                                                | 1.25                                            |              |                       |
| 48                                                       | 179                                                     | 29.00                 | 7000                                                                | 1.35                                            |              |                       |
| 57                                                       | 154                                                     | 24.77                 | 6760                                                                | 1.60                                            | S            | 57 4                  |
| 60                                                       | 145                                                     | 23.20                 | 6660                                                                | 1.70                                            | SF           | 57 4                  |
| 72                                                       | 123                                                     | 19.54                 | 6390                                                                | 1.75                                            | SA           | 57 4                  |
| 79                                                       | 117                                                     | 17.62                 | 5870                                                                | 1.45                                            | SAF          | 57 4                  |
| 85                                                       | 110                                                     | 16.47                 | 5780                                                                | 1.55                                            |              |                       |
| 98                                                       | 95                                                      | 14.24                 | 5610                                                                | 1.75                                            |              |                       |
| 116                                                      | 82                                                      | 12.10                 | 5400                                                                | 2.1                                             |              |                       |
| 130                                                      | 73                                                      | 10.80                 | 5260                                                                | 2.3                                             |              |                       |
| 152                                                      | 63                                                      | 9.23                  | 5050                                                                | 2.7                                             |              |                       |
| 48                                                       | 177                                                     | 29.00                 | 3720                                                                | 0.90                                            |              |                       |
| 57                                                       | 153                                                     | 24.77                 | 3670                                                                | 1.00                                            | S            | 47 4                  |
| 60                                                       | 143                                                     | 23.20                 | 3640                                                                | 1.05                                            | SF           | 47 4                  |
| 72                                                       | 122                                                     | 19.54                 | 3560                                                                | 1.20                                            | SA           | 47 4                  |
| 79                                                       | 117                                                     | 17.62                 | 3070                                                                | 0.95                                            | SAF          | 47 4                  |
| 85                                                       | 109                                                     | 16.47                 | 3060                                                                | 1.00                                            |              |                       |
| 98                                                       | 95                                                      | 14.24                 | 3030                                                                | 1.15                                            |              |                       |
| 116                                                      | 81                                                      | 12.10                 | 2980                                                                | 1.35                                            | S            | 47 4                  |
| 130                                                      | 73                                                      | 10.80                 | 2940                                                                | 1.50                                            | SF           | 47 4                  |
| 152                                                      | 63                                                      | 9.23                  | 2870                                                                | 1.75                                            | SA           | 47 4                  |
| 162                                                      | 59                                                      | 8.64                  | 2840                                                                | 1.85                                            | SAF          | 47 4                  |
| 192                                                      | 50                                                      | 7.28                  | 2750                                                                | 2.1                                             |              |                       |
| 175                                                      | 54                                                      | 8.00                  | 1570                                                                | 0.85                                            | S            | 37 4                  |
| 206                                                      | 46                                                      | 6.80                  | 1580                                                                | 0.95                                            | SF           | 37 4                  |
|                                                          |                                                         |                       |                                                                     |                                                 | SA           | 37 4                  |
|                                                          |                                                         |                       |                                                                     |                                                 | SAF          | 37 4                  |
| 202                                                      | 47                                                      | 13.39                 | 1590                                                                | 0.85                                            |              |                       |
| 216                                                      | 44                                                      | 12.48                 | 1580                                                                | 0.90                                            | S            | 37 2                  |
| 248                                                      | 39                                                      | 10.91                 | 1570                                                                | 1.00                                            | SF           | 37 2                  |
| 264                                                      | 36                                                      | 10.23                 | 1560                                                                | 1.05                                            | SA           | 37 2                  |
| 299                                                      | 32                                                      | 9.02                  | 1540                                                                | 1.10                                            | SAF          | 37 2                  |
| 338                                                      | 28                                                      | 8.00                  | 1510                                                                | 1.25                                            |              |                       |
| 397                                                      | 24                                                      | 6.80                  | 1470                                                                | 1.20                                            |              |                       |
| <b>1.5kW</b>                                             |                                                         |                       |                                                                     |                                                 |              |                       |
| 2.0                                                      | 4590                                                    | 714                   | 29100                                                               | 0.90                                            |              |                       |
| 2.2                                                      | 4890                                                    | 626                   | 19100                                                               | 0.85                                            |              |                       |
| 2.6                                                      | 4220                                                    | 538                   | 31100                                                               | 1.00                                            | S            | 97 R57 4              |
| 2.9                                                      | 3810                                                    | 484                   | 33600                                                               | 1.10                                            | SF           | 97 R57 4              |
| 3.4                                                      | 3310                                                    | 420                   | 34500                                                               | 1.25                                            | SA           | 97 R57 4              |
| 3.8                                                      | 2990                                                    | 376                   | 35000                                                               | 1.40                                            | SAF          | 97 R57 4              |
| 4.3                                                      | 2630                                                    | 327                   | 35500                                                               | 1.60                                            |              |                       |
| 2.9                                                      | 3060                                                    | 485                   | 17200                                                               | 0.80                                            |              |                       |
| 3.2                                                      | 2780                                                    | 435                   | 25900                                                               | 0.90                                            |              |                       |
| 3.7                                                      | 2450                                                    | 378                   | 27600                                                               | 1.00                                            | S            | 87 R57 4              |
| 4.4                                                      | 2130                                                    | 323                   | 28200                                                               | 1.15                                            | SF           | 87 R57 4              |
| 5.0                                                      | 1870                                                    | 281                   | 28600                                                               | 1.30                                            | SA           | 87 R57 4              |
| 5.5                                                      | 2000                                                    | 255                   | 28400                                                               | 1.00                                            | SAF          | 87 R57 4              |
| 6.3                                                      | 1750                                                    | 222                   | 28800                                                               | 1.15                                            |              |                       |
| 6.9                                                      | 1630                                                    | 205                   | 29000                                                               | 1.20                                            |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------|-----------------------|
| <b>1.5kW</b>                                    |                                                |                       |                                                              |                                        |                                  |                       |
| 2.4                                             | 4030                                           | 286.40                | 33100                                                        | 1.05                                   | S 97                             | 8                     |
| 2.7                                             | 3720                                           | 262.22                | 33700                                                        | 1.15                                   | SF 97                            | 8                     |
| 3.0                                             | 3330                                           | 231.67                | 34400                                                        | 1.25                                   | SA 97                            | 8                     |
| 3.6                                             | 2870                                           | 196.52                | 35200                                                        | 1.45                                   | SAF 97                           | 8                     |
| 3.2                                             | 3150                                           | 286.40                | 34700                                                        | 1.35                                   | S 97                             | 6                     |
| 3.5                                             | 2910                                           | 262.22                | 35100                                                        | 1.45                                   | SF 97                            | 6                     |
| 4.0                                             | 2600                                           | 231.67                | 35500                                                        | 1.60                                   | SA 97                            | 6                     |
| 4.7                                             | 2230                                           | 196.52                | 35900                                                        | 1.90                                   | SAF 97                           | 6                     |
| 4.9                                             | 2130                                           | 286.40                | 36000                                                        | 1.90                                   | S 97                             | 4                     |
| 5.4                                             | 1970                                           | 262.22                | 36200                                                        | 2.0                                    | SF 97                            | 4                     |
| 6.1                                             | 1760                                           | 231.67                | 36400                                                        | 2.3                                    | SA 97                            | 4                     |
| 7.2                                             | 1510                                           | 196.52                | 36600                                                        | 2.7                                    | SAF 97                           | 4                     |
| 3.6                                             | 2740                                           | 258.18                | 26600                                                        | 0.90                                   | S 87                             | 6                     |
| 4.1                                             | 2390                                           | 222.40                | 27700                                                        | 1.00                                   | SF 87                            | 6                     |
| 4.5                                             | 2200                                           | 202.96                | 28100                                                        | 1.10                                   | SA 87                            | 6                     |
| 5.1                                             | 1980                                           | 180.00                | 28500                                                        | 1.20                                   | SAF 87                           | 6                     |
| 4.9                                             | 2060                                           | 288.00                | 28300                                                        | 1.10                                   | S 87<br>SF 87<br>SA 87<br>SAF 87 | 4                     |
| 5.5                                             | 1860                                           | 258.18                | 28700                                                        | 1.20                                   |                                  |                       |
| 6.3                                             | 1630                                           | 222.40                | 29000                                                        | 1.40                                   |                                  |                       |
| 6.9                                             | 1500                                           | 202.96                | 29200                                                        | 1.50                                   |                                  |                       |
| 7.8                                             | 1340                                           | 180.00                | 29400                                                        | 1.65                                   |                                  |                       |
| 9.3                                             | 1140                                           | 151.30                | 29600                                                        | 1.90                                   |                                  |                       |
| 10                                              | 1060                                           | 139.05                | 29600                                                        | 2.0                                    |                                  |                       |
| 11                                              | 950                                            | 123.48                | 29700                                                        | 2.2                                    |                                  |                       |
| 13                                              | 850                                            | 110.40                | 29800                                                        | 2.3                                    |                                  |                       |
| 14                                              | 770                                            | 99.26                 | 29900                                                        | 2.5                                    |                                  |                       |
| 7.5                                             | 1330                                           | 189.09                | 10600                                                        | 0.95                                   | S 77<br>SF 77<br>SA 77<br>SAF 77 | 4                     |
| 8.7                                             | 1150                                           | 161.60                | 12700                                                        | 1.10                                   |                                  |                       |
| 9.5                                             | 1060                                           | 148.15                | 13400                                                        | 1.15                                   |                                  |                       |
| 11                                              | 940                                            | 130.00                | 14100                                                        | 1.30                                   |                                  |                       |
| 11                                              | 900                                            | 123.20                | 14400                                                        | 1.35                                   |                                  |                       |
| 13                                              | 795                                            | 107.83                | 14900                                                        | 1.45                                   |                                  |                       |
| 15                                              | 725                                            | 97.14                 | 15300                                                        | 1.60                                   |                                  |                       |
| 17                                              | 640                                            | 85.22                 | 15400                                                        | 1.70                                   |                                  |                       |
| 19                                              | 650                                            | 75.09                 | 14100                                                        | 1.70                                   |                                  |                       |
| 20                                              | 620                                            | 71.33                 | 14000                                                        | 1.80                                   |                                  |                       |
| 21                                              | 510                                            | 66.67                 | 14600                                                        | 2.0                                    |                                  |                       |
| 22                                              | 550                                            | 63.03                 | 13700                                                        | 2.0                                    |                                  |                       |
| 25                                              | 440                                            | 56.92                 | 14000                                                        | 2.3                                    |                                  |                       |
| 26                                              | 470                                            | 53.87                 | 13200                                                        | 2.3                                    |                                  |                       |
| 29                                              | 435                                            | 49.38                 | 13000                                                        | 2.5                                    |                                  |                       |
| 33                                              | 385                                            | 43.33                 | 12600                                                        | 2.9                                    |                                  |                       |
| 16                                              | 600                                            | 85.83                 | 7850                                                         | 0.85                                   | S 67                             | 4                     |
| 18                                              | 550                                            | 78.00                 | 8390                                                         | 0.95                                   | SF 67                            | 4                     |
| 21                                              | 540                                            | 65.63                 | 8510                                                         | 0.90                                   | SA 67                            | 4                     |
| 23                                              | 515                                            | 62.35                 | 8740                                                         | 0.95                                   | S 67<br>SF 67<br>SA 67<br>SAF 67 | 4                     |
| 26                                              | 455                                            | 54.70                 | 8810                                                         | 1.05                                   |                                  |                       |
| 30                                              | 390                                            | 46.40                 | 8590                                                         | 1.25                                   |                                  |                       |
| 34                                              | 355                                            | 41.89                 | 8450                                                         | 1.35                                   |                                  |                       |
| 38                                              | 310                                            | 36.85                 | 8250                                                         | 1.55                                   |                                  |                       |
| 41                                              | 295                                            | 34.80                 | 8160                                                         | 1.60                                   |                                  |                       |
| 48                                              | 255                                            | 29.63                 | 7900                                                         | 1.90                                   |                                  |                       |
| 52                                              | 230                                            | 26.93                 | 7740                                                         | 2.1                                    |                                  |                       |
| 58                                              | 220                                            | 24.44                 | 7000                                                         | 1.55                                   |                                  |                       |
| 61                                              | 210                                            | 23.22                 | 6950                                                         | 1.60                                   |                                  |                       |
| 69                                              | 186                                            | 20.37                 | 6790                                                         | 1.85                                   |                                  |                       |
| 82                                              | 159                                            | 17.28                 | 6580                                                         | 2.1                                    |                                  |                       |
| 90                                              | 144                                            | 15.60                 | 6440                                                         | 2.4                                    |                                  |                       |
| 103                                             | 127                                            | 13.73                 | 6260                                                         | 2.7                                    |                                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>i | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model                     | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------|-----------------------|
| <b>1.5kW</b>                                    |                                                |                       |                                                              |                                        |                                  |                       |
| 43                                              | 270                                            | 32.48                 | 6630                                                         | 0.90                                   | S 57<br>SF 57<br>SA 57<br>SAF 57 | 4                     |
| 49                                              | 245                                            | 29.00                 | 6520                                                         | 1.00                                   |                                  |                       |
| 57                                              | 210                                            | 24.77                 | 6340                                                         | 1.15                                   |                                  |                       |
| 61                                              | 196                                            | 23.20                 | 6270                                                         | 1.25                                   |                                  |                       |
| 72                                              | 167                                            | 19.54                 | 6060                                                         | 1.30                                   |                                  |                       |
| 80                                              | 159                                            | 17.62                 | 5430                                                         | 1.05                                   |                                  |                       |
| 86                                              | 159                                            | 16.47                 | 5380                                                         | 1.15                                   |                                  |                       |
| 99                                              | 129                                            | 14.24                 | 5250                                                         | 1.30                                   |                                  |                       |
| 117                                             | 110                                            | 12.10                 | 5100                                                         | 1.55                                   |                                  |                       |
| 131                                             | 99                                             | 10.80                 | 4980                                                         | 1.70                                   |                                  |                       |
| 153                                             | 85                                             | 9.23                  | 4820                                                         | 2.0                                    |                                  |                       |
| 99                                              | 129                                            | 14.24                 | 2610                                                         | 0.85                                   | S 47                             | 4                     |
| 117                                             | 110                                            | 12.10                 | 2620                                                         | 1.00                                   | SF 47                            | 4                     |
| 131                                             | 99                                             | 10.80                 | 2620                                                         | 1.10                                   | SA 47                            | 4                     |
| 153                                             | 85                                             | 9.23                  | 2590                                                         | 1.30                                   | SAF 47                           | 4                     |
| 163                                             | 79                                             | 8.64                  | 2580                                                         | 1.35                                   | S 47                             | 4                     |
| 194                                             | 67                                             | 7.28                  | 2530                                                         | 1.55                                   | SF 47                            | 4                     |
| 299                                             | 44                                             | 9.02                  | 1330                                                         | 0.85                                   | SA 47                            | 4                     |
| 338                                             | 39                                             | 8.00                  | 1350                                                         | 0.90                                   | SAF 47                           | 4                     |
| 397                                             | 33                                             | 6.80                  | 1340                                                         | 0.90                                   | S 37                             | 4                     |
| <b>2.2kW</b>                                    |                                                |                       |                                                              |                                        |                                  |                       |
| 3.4                                             | 4900                                           | 420                   | 18800                                                        | 0.85                                   | S 97 R57                         | 4                     |
| 3.8                                             | 4410                                           | 376                   | 28300                                                        | 0.95                                   | SF 97 R57                        | 4                     |
| 4.3                                             | 3870                                           | 327                   | 33500                                                        | 1.10                                   | SA 97 R57                        | 4                     |
| 4.9                                             | 3420                                           | 287                   | 34300                                                        | 1.25                                   | SAF 97 R57                       | 4                     |
| 5.6                                             | 3000                                           | 252                   | 35000                                                        | 1.40                                   | S 97<br>SF 97<br>SA 97<br>SAF 97 | 4                     |
| 3.3                                             | 4530                                           | 286.40                | 30200                                                        | 0.95                                   |                                  |                       |
| 3.6                                             | 4180                                           | 262.22                | 32800                                                        | 1.00                                   |                                  |                       |
| 4.1                                             | 3730                                           | 231.67                | 33700                                                        | 1.15                                   |                                  |                       |
| 4.8                                             | 3210                                           | 196.52                | 34600                                                        | 1.30                                   |                                  |                       |
| 4.9                                             | 3130                                           | 286.40                | 34800                                                        | 1.30                                   |                                  |                       |
| 5.4                                             | 2890                                           | 262.22                | 35100                                                        | 1.40                                   |                                  |                       |
| 6.1                                             | 2570                                           | 231.67                | 35500                                                        | 1.55                                   |                                  |                       |
| 7.2                                             | 2210                                           | 196.52                | 36000                                                        | 1.80                                   |                                  |                       |
| 7.8                                             | 2050                                           | 180.95                | 36100                                                        | 1.90                                   |                                  |                       |
| 8.7                                             | 1840                                           | 161.74                | 36300                                                        | 2.1                                    | S 87<br>SF 87<br>SA 87<br>SAF 87 | 4                     |
| 9.7                                             | 1670                                           | 145.60                | 36500                                                        | 2.2                                    |                                  |                       |
| 11                                              | 1520                                           | 131.85                | 36600                                                        | 2.4                                    |                                  |                       |
| 12                                              | 1360                                           | 116.92                | 36700                                                        | 2.6                                    |                                  |                       |
| 13                                              | 1240                                           | 105.71                | 36800                                                        | 2.8                                    |                                  |                       |
| 16                                              | 1060                                           | 89.60                 | 36900                                                        | 3.1                                    |                                  |                       |
| 5.5                                             | 2730                                           | 258.18                | 26800                                                        | 0.85                                   |                                  |                       |
| 6.3                                             | 2380                                           | 222.40                | 27700                                                        | 0.95                                   |                                  |                       |
| 6.9                                             | 2190                                           | 202.96                | 28100                                                        | 1.05                                   |                                  |                       |
| 7.8                                             | 1970                                           | 180.00                | 28500                                                        | 1.10                                   |                                  |                       |
| 9.3                                             | 1680                                           | 151.30                | 28900                                                        | 1.30                                   | S 87<br>SF 87<br>SA 87<br>SAF 87 | 4                     |
| 10                                              | 1550                                           | 139.05                | 29100                                                        | 1.35                                   |                                  |                       |
| 11                                              | 1390                                           | 123.48                | 29300                                                        | 1.50                                   |                                  |                       |
| 13                                              | 1250                                           | 110.40                | 29500                                                        | 1.60                                   |                                  |                       |
| 14                                              | 1130                                           | 99.26                 | 29600                                                        | 1.75                                   |                                  |                       |
| 16                                              | 990                                            | 86.15                 | 29700                                                        | 1.90                                   |                                  |                       |
| 17                                              | 1060                                           | 81.76                 | 29600                                                        | 1.50                                   |                                  |                       |
| 18                                              | 890                                            | 77.14                 | 29800                                                        | 2.0                                    |                                  |                       |
| 20                                              | 920                                            | 70.43                 | 29700                                                        | 1.75                                   |                                  |                       |
| 22                                              | 840                                            | 64.27                 | 29800                                                        | 1.90                                   |                                  |                       |
| 25                                              | 750                                            | 57.00                 | 29900                                                        | 2.1                                    |                                  |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>2.2kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 11                                              | 1390                                           | 130.00                  | 6140                                                         | 0.85                                   |              |                       |
| 11                                              | 1320                                           | 123.20                  | 11100                                                        | 0.90                                   |              |                       |
| 13                                              | 1170                                           | 107.83                  | 12600                                                        | 1.00                                   |              |                       |
| 15                                              | 1060                                           | 97.14                   | 13400                                                        | 1.10                                   |              |                       |
| 17                                              | 940                                            | 85.22                   | 14100                                                        | 1.15                                   |              |                       |
| 19                                              | 840                                            | 75.20                   | 13800                                                        | 1.30                                   |              |                       |
| 21                                              | 745                                            | 66.67                   | 13500                                                        | 1.40                                   |              |                       |
| 22                                              | 810                                            | 63.03                   | 12400                                                        | 1.35                                   | S 77         | 4                     |
| 25                                              | 645                                            | 56.92                   | 13100                                                        | 1.55                                   | SF 77        | 4                     |
| 26                                              | 695                                            | 53.87                   | 12100                                                        | 1.60                                   | SA 77        | 4                     |
| 29                                              | 635                                            | 49.38                   | 11900                                                        | 1.75                                   | SAF 77       | 4                     |
| 33                                              | 560                                            | 43.33                   | 11700                                                        | 1.95                                   |              |                       |
| 34                                              | 535                                            | 41.07                   | 11600                                                        | 2.1                                    |              |                       |
| 39                                              | 470                                            | 35.94                   | 11300                                                        | 2.3                                    |              |                       |
| 44                                              | 425                                            | 32.38                   | 11000                                                        | 2.6                                    |              |                       |
| 50                                              | 375                                            | 28.41                   | 10700                                                        | 2.8                                    |              |                       |
| 56                                              | 330                                            | 25.07                   | 10400                                                        | 3.1                                    |              |                       |
| 62                                              | 310                                            | 22.89                   | 9490                                                         | 2.3                                    |              |                       |
| 67                                              | 285                                            | 20.99                   | 9340                                                         | 2.5                                    |              |                       |
| 30                                              | 570                                            | 46.40                   | 7480                                                         | 0.85                                   |              |                       |
| 34                                              | 515                                            | 41.89                   | 7440                                                         | 0.95                                   |              |                       |
| 38                                              | 460                                            | 36.85                   | 7360                                                         | 1.05                                   |              |                       |
| 41                                              | 435                                            | 34.80                   | 7320                                                         | 1.10                                   |              |                       |
| 48                                              | 370                                            | 29.63                   | 7180                                                         | 1.30                                   |              |                       |
| 52                                              | 340                                            | 26.93                   | 7080                                                         | 1.40                                   | S 67         | 4                     |
| 60                                              | 295                                            | 23.33                   | 6920                                                         | 1.60                                   | SF 67        | 4                     |
| 69                                              | 275                                            | 20.37                   | 6060                                                         | 1.25                                   | SA 67        | 4                     |
| 82                                              | 235                                            | 17.28                   | 5960                                                         | 1.45                                   | SAF 67       | 4                     |
| 90                                              | 210                                            | 15.60                   | 5880                                                         | 1.60                                   |              |                       |
| 103                                             | 186                                            | 13.73                   | 5770                                                         | 1.85                                   |              |                       |
| 109                                             | 176                                            | 12.96                   | 5710                                                         | 1.95                                   |              |                       |
| 128                                             | 151                                            | 11.03                   | 5550                                                         | 2.3                                    |              |                       |
| 141                                             | 137                                            | 10.03                   | 5450                                                         | 2.5                                    |              |                       |
| 162                                             | 119                                            | 8.69                    | 5300                                                         | 2.8                                    |              |                       |
| 99                                              | 190                                            | 14.24                   | 4640                                                         | 0.90                                   | S 57         | 4                     |
| 117                                             | 162                                            | 12.10                   | 4580                                                         | 1.05                                   | SF 57        | 4                     |
| 131                                             | 145                                            | 10.80                   | 4520                                                         | 1.15                                   | SA 57        | 4                     |
| 153                                             | 124                                            | 9.23                    | 4420                                                         | 1.35                                   | SAF 57       | 4                     |
| 163                                             | 117                                            | 8.64                    | 4380                                                         | 1.40                                   |              |                       |
| 194                                             | 99                                             | 7.28                    | 4250                                                         | 1.50                                   |              |                       |
| <b>3.0kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 4.9                                             | 4710                                           | 287                     | 23700                                                        | 0.90                                   | S 97R57      | 4                     |
| 5.6                                             | 4140                                           | 252                     | 32400                                                        | 1.00                                   | SF 97R57     | 4                     |
| 6.4                                             | 3620                                           | 219                     | 33900                                                        | 1.15                                   | SA 97R57     | 4                     |
| 6.8                                             | 3400                                           | 205                     | 34300                                                        | 1.25                                   | SAF 97R57    | 4                     |
| 4.9                                             | 4290                                           | 286.40                  | 32600                                                        | 0.95                                   |              |                       |
| 5.3                                             | 3960                                           | 262.22                  | 33300                                                        | 1.00                                   |              |                       |
| 6.0                                             | 3530                                           | 231.67                  | 34100                                                        | 1.15                                   |              |                       |
| 7.1                                             | 3040                                           | 196.52                  | 34900                                                        | 1.30                                   |              |                       |
| 7.7                                             | 2810                                           | 180.95                  | 35200                                                        | 1.40                                   | S 97         | 4                     |
| 8.7                                             | 2530                                           | 161.74                  | 35600                                                        | 1.50                                   | SF 97        | 4                     |
| 9.6                                             | 2300                                           | 145.60                  | 35900                                                        | 1.65                                   | SA 97        | 4                     |
| 11                                              | 2090                                           | 131.85                  | 36100                                                        | 1.75                                   | SAF 97       | 4                     |
| 12                                              | 1870                                           | 116.92                  | 36300                                                        | 1.90                                   |              |                       |
| 13                                              | 1700                                           | 105.71                  | 36400                                                        | 2.0                                    |              |                       |
| 16                                              | 1450                                           | 89.60                   | 36600                                                        | 2.2                                    |              |                       |
| 17                                              | 1470                                           | 80.85                   | 36600                                                        | 2.2                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>3.0kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 7.8                                             | 2700                                           | 180.00                  | 27100                                                        | 0.80                                   |              |                       |
| 9.2                                             | 2300                                           | 151.30                  | 27900                                                        | 0.95                                   |              |                       |
| 10                                              | 2130                                           | 139.05                  | 28200                                                        | 1.00                                   |              |                       |
| 11                                              | 1900                                           | 123.48                  | 28600                                                        | 1.10                                   |              |                       |
| 13                                              | 1720                                           | 110.40                  | 28900                                                        | 1.15                                   |              |                       |
| 14                                              | 1550                                           | 99.26                   | 29100                                                        | 1.25                                   |              |                       |
| 16                                              | 1360                                           | 86.15                   | 29300                                                        | 1.40                                   |              |                       |
| 17                                              | 1460                                           | 81.76                   | 29200                                                        | 1.10                                   | S 87         | 4                     |
| 18                                              | 1230                                           | 77.14                   | 29500                                                        | 1.50                                   | SF 87        | 4                     |
| 20                                              | 1260                                           | 70.43                   | 29400                                                        | 1.25                                   | SA 87        | 4                     |
| 22                                              | 1160                                           | 64.27                   | 29500                                                        | 1.40                                   | SAF 87       | 4                     |
| 25                                              | 1030                                           | 57.00                   | 29700                                                        | 1.55                                   |              |                       |
| 29                                              | 870                                            | 47.91                   | 29800                                                        | 1.85                                   |              |                       |
| 32                                              | 800                                            | 44.03                   | 29800                                                        | 2.0                                    |              |                       |
| 36                                              | 715                                            | 39.10                   | 29900                                                        | 2.2                                    |              |                       |
| 40                                              | 640                                            | 34.96                   | 29900                                                        | 2.5                                    |              |                       |
| 16                                              | 1290                                           | 85.22                   | 11500                                                        | 0.85                                   | S 77         | 4                     |
| 19                                              | 1150                                           | 75.20                   | 12500                                                        | 0.95                                   | SF 77        | 4                     |
| 21                                              | 1020                                           | 66.67                   | 12400                                                        | 1.00                                   | SA 77        | 4                     |
| 22                                              | 1110                                           | 63.03                   | 10900                                                        | 1.00                                   | SAF 77       | 4                     |
| 25                                              | 880                                            | 56.92                   | 12100                                                        | 1.10                                   |              |                       |
| 26                                              | 950                                            | 53.87                   | 10800                                                        | 1.15                                   |              |                       |
| 28                                              | 880                                            | 49.38                   | 10800                                                        | 1.25                                   |              |                       |
| 32                                              | 770                                            | 43.33                   | 10700                                                        | 1.40                                   |              |                       |
| 34                                              | 735                                            | 41.07                   | 10600                                                        | 1.50                                   |              |                       |
| 39                                              | 645                                            | 35.94                   | 10400                                                        | 1.70                                   |              |                       |
| 43                                              | 585                                            | 32.38                   | 10300                                                        | 1.85                                   | S 77         | 4                     |
| 49                                              | 515                                            | 28.41                   | 10100                                                        | 2.0                                    | SF 77        | 4                     |
| 56                                              | 455                                            | 25.07                   | 9840                                                         | 2.2                                    | SA 77        | 4                     |
| 61                                              | 430                                            | 22.89                   | 8680                                                         | 1.65                                   | SAF 77       | 4                     |
| 67                                              | 395                                            | 20.99                   | 8590                                                         | 1.80                                   |              |                       |
| 76                                              | 345                                            | 18.42                   | 8450                                                         | 2.0                                    |              |                       |
| 80                                              | 330                                            | 17.45                   | 8390                                                         | 2.2                                    |              |                       |
| 92                                              | 290                                            | 15.28                   | 8210                                                         | 2.5                                    |              |                       |
| 102                                             | 260                                            | 13.76                   | 8060                                                         | 2.7                                    |              |                       |
| 116                                             | 230                                            | 12.07                   | 7870                                                         | 3.1                                    |              |                       |
| 131                                             | 205                                            | 10.65                   | 7670                                                         | 3.5                                    |              |                       |
| 40                                              | 595                                            | 34.80                   | 6350                                                         | 0.80                                   | S 67         | 4                     |
| 47                                              | 510                                            | 29.63                   | 6350                                                         | 0.95                                   | SF 67        | 4                     |
| 52                                              | 465                                            | 26.93                   | 6330                                                         | 1.05                                   | SA 67        | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SAF 67       | 4                     |
| 60                                              | 405                                            | 23.33                   | 6270                                                         | 1.20                                   |              |                       |
| 69                                              | 375                                            | 20.37                   | 5230                                                         | 0.90                                   |              |                       |
| 81                                              | 320                                            | 17.28                   | 5250                                                         | 1.05                                   | S 67         | 4                     |
| 90                                              | 290                                            | 15.60                   | 5240                                                         | 1.15                                   | SF 67        | 4                     |
| 102                                             | 255                                            | 13.73                   | 5210                                                         | 1.35                                   | SA 67        | 4                     |
| 108                                             | 240                                            | 12.96                   | 5190                                                         | 1.40                                   | SAF 67       | 4                     |
| 127                                             | 205                                            | 11.03                   | 5100                                                         | 1.65                                   |              |                       |
| 140                                             | 188                                            | 10.03                   | 5050                                                         | 1.80                                   |              |                       |
| 161                                             | 164                                            | 8.69                    | 4940                                                         | 2.0                                    |              |                       |
| 185                                             | 143                                            | 7.56                    | 4830                                                         | 2.1                                    |              |                       |
| 130                                             | 199                                            | 10.80                   | 3990                                                         | 0.85                                   | S 57         | 4                     |
| 152                                             | 171                                            | 9.23                    | 3970                                                         | 1.00                                   | SF 57        | 4                     |
| 162                                             | 160                                            | 8.64                    | 3960                                                         | 1.05                                   | SA 57        | 4                     |
| 192                                             | 136                                            | 7.28                    | 3900                                                         | 1.10                                   | SAF 57       | 4                     |
| <b>4.0kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 6.5                                             | 4780                                           | 219                     | 22700                                                        | 0.90                                   | S 97R57      | 4                     |
| 6.9                                             | 4490                                           | 205                     | 27300                                                        | 0.95                                   | SF 97R57     | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SA 97R57     | 4                     |
|                                                 |                                                |                         |                                                              |                                        | SAF 97R57    | 4                     |



| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>4.0kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 6.1                                             | 4650                                           | 231.67                  | 28300                                                        | 0.85                                   |              |                       |
| 7.2                                             | 3990                                           | 196.52                  | 33200                                                        | 1.00                                   |              |                       |
| 7.8                                             | 3700                                           | 180.95                  | 33800                                                        | 1.05                                   |              |                       |
| 8.8                                             | 3330                                           | 161.74                  | 3440                                                         | 1.15                                   |              |                       |
| 9.8                                             | 3020                                           | 145.60                  | 34900                                                        | 1.25                                   | S            | 97 4                  |
| 11                                              | 2750                                           | 131.85                  | 35300                                                        | 1.35                                   | SF           | 97 4                  |
| 12                                              | 2460                                           | 116.92                  | 35700                                                        | 1.45                                   | SA           | 97 4                  |
| 13                                              | 2230                                           | 105.71                  | 35900                                                        | 1.55                                   | SAF          | 97 4                  |
| 16                                              | 1910                                           | 89.60                   | 36300                                                        | 1.70                                   |              |                       |
| 18                                              | 1940                                           | 80.85                   | 36200                                                        | 1.65                                   |              |                       |
| 20                                              | 1720                                           | 71.43                   | 36400                                                        | 1.90                                   |              |                       |
| 23                                              | 1470                                           | 60.59                   | 36600                                                        | 2.2                                    |              |                       |
| 25                                              | 1350                                           | 55.79                   | 36700                                                        | 2.4                                    |              |                       |
| 12                                              | 2510                                           | 123.48                  | 27500                                                        | 0.80                                   |              |                       |
| 13                                              | 2260                                           | 110.40                  | 28000                                                        | 0.90                                   |              |                       |
| 14                                              | 2040                                           | 99.26                   | 28400                                                        | 0.95                                   |              |                       |
| 16                                              | 1790                                           | 86.15                   | 28800                                                        | 1.05                                   |              |                       |
| 18                                              | 1610                                           | 77.14                   | 29000                                                        | 1.15                                   |              |                       |
| 20                                              | 1660                                           | 70.43                   | 28900                                                        | 0.95                                   | S            | 87 4                  |
| 22                                              | 1520                                           | 64.27                   | 29100                                                        | 1.05                                   | SF           | 87 4                  |
| 25                                              | 1350                                           | 57.00                   | 29300                                                        | 1.20                                   | SA           | 87 4                  |
| 30                                              | 1150                                           | 47.91                   | 29500                                                        | 1.40                                   | SAF          | 87 4                  |
| 32                                              | 1060                                           | 44.03                   | 29600                                                        | 1.50                                   |              |                       |
| 36                                              | 940                                            | 39.10                   | 29700                                                        | 1.70                                   |              |                       |
| 41                                              | 840                                            | 34.96                   | 29800                                                        | 1.90                                   |              |                       |
| 45                                              | 760                                            | 31.43                   | 29100                                                        | 2.1                                    |              |                       |
| 52                                              | 665                                            | 27.28                   | 28200                                                        | 2.4                                    |              |                       |
| 56                                              | 635                                            | 25.50                   | 26600                                                        | 1.95                                   |              |                       |
| 25                                              | 1160                                           | 56.92                   | 10800                                                        | 0.85                                   | S            | 77 4                  |
| 26                                              | 1250                                           | 53.87                   | 9250                                                         | 0.90                                   | SF           | 77 4                  |
| 29                                              | 1150                                           | 49.38                   | 9320                                                         | 0.95                                   | SA           | 77 4                  |
| 33                                              | 1020                                           | 43.33                   | 9370                                                         | 1.10                                   | SAF          | 77 4                  |
| 35                                              | 960                                            | 41.07                   | 9370                                                         | 1.15                                   |              |                       |
| 40                                              | 850                                            | 35.94                   | 9340                                                         | 1.30                                   |              |                       |
| 44                                              | 765                                            | 32.38                   | 9290                                                         | 1.40                                   |              |                       |
| 50                                              | 675                                            | 28.41                   | 9190                                                         | 1.55                                   |              |                       |
| 57                                              | 600                                            | 25.07                   | 9070                                                         | 1.70                                   | S            | 77 4                  |
| 62                                              | 565                                            | 22.89                   | 7650                                                         | 1.25                                   | SF           | 77 4                  |
| 68                                              | 520                                            | 20.99                   | 7650                                                         | 1.35                                   | SA           | 77 4                  |
| 77                                              | 455                                            | 18.42                   | 7620                                                         | 1.55                                   | SAF          | 77 4                  |
| 81                                              | 435                                            | 17.45                   | 7590                                                         | 1.65                                   |              |                       |
| 93                                              | 380                                            | 15.28                   | 7510                                                         | 1.85                                   |              |                       |
| 103                                             | 345                                            | 13.76                   | 7430                                                         | 2.1                                    |              |                       |
| 118                                             | 300                                            | 12.07                   | 7310                                                         | 2.4                                    |              |                       |
| 133                                             | 265                                            | 10.65                   | 7170                                                         | 2.7                                    |              |                       |
| 150                                             | 235                                            | 9.44                    | 7030                                                         | 3.1                                    |              |                       |
| 176                                             | 205                                            | 8.06                    | 6830                                                         | 3.3                                    |              |                       |
| 82                                              | 420                                            | 17.28                   | 3810                                                         | 0.80                                   | S            | 67 4                  |
| 91                                              | 380                                            | 15.60                   | 4180                                                         | 0.90                                   | SF           | 67 4                  |
| 103                                             | 335                                            | 13.73                   | 4500                                                         | 1.00                                   | SA           | 67 4                  |
| 110                                             | 320                                            | 12.96                   | 4520                                                         | 1.05                                   | SAF          | 67 4                  |
| 129                                             | 270                                            | 11.03                   | 4530                                                         | 1.25                                   |              |                       |
| 142                                             | 245                                            | 10.03                   | 4520                                                         | 1.35                                   |              |                       |
| 163                                             | 215                                            | 8.69                    | 4490                                                         | 1.55                                   |              |                       |
| 188                                             | 188                                            | 7.56                    | 4430                                                         | 1.55                                   |              |                       |
| <b>5.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 8.8                                             | 4550                                           | 161.74                  | 29900                                                        | 0.85                                   |              |                       |
| 9.8                                             | 4130                                           | 145.60                  | 32900                                                        | 0.90                                   |              |                       |
| 11                                              | 3760                                           | 131.85                  | 33700                                                        | 0.95                                   |              |                       |
| 12                                              | 3360                                           | 116.92                  | 34400                                                        | 1.05                                   |              |                       |
| 14                                              | 3050                                           | 105.71                  | 34900                                                        | 1.15                                   | S            | 97 4                  |
| 16                                              | 2610                                           | 89.60                   | 35500                                                        | 1.25                                   | SF           | 97 4                  |
| 18                                              | 2290                                           | 78.26                   | 35900                                                        | 1.35                                   | SA           | 97 4                  |
| 20                                              | 2350                                           | 71.43                   | 35800                                                        | 1.40                                   | SAF          | 97 4                  |
| 22                                              | 1930                                           | 65.45                   | 36200                                                        | 1.50                                   |              |                       |
| 24                                              | 2000                                           | 60.59                   | 36200                                                        | 1.65                                   |              |                       |
| 26                                              | 1850                                           | 55.79                   | 36300                                                        | 1.80                                   |              |                       |
| 29                                              | 1660                                           | 49.87                   | 36500                                                        | 2.0                                    |              |                       |
| 32                                              | 1500                                           | 44.89                   | 36600                                                        | 2.2                                    |              |                       |
| 35                                              | 1360                                           | 40.65                   | 36700                                                        | 2.4                                    |              |                       |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N·m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|-----------------------|
| <b>5.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 19                                              | 2200                                           | 77.14                   | 28100                                                        | 0.85                                   | S            | 87 4                  |
| 22                                              | 1850                                           | 64.00                   | 28700                                                        | 0.90                                   | SF           | 87 4                  |
| 25                                              | 1850                                           | 57.00                   | 28700                                                        | 0.85                                   | SA           | 87 4                  |
| 30                                              | 1560                                           | 47.91                   | 29100                                                        | 1.00                                   | SAF          | 87 4                  |
| 32                                              | 1440                                           | 44.03                   | 29200                                                        | 1.10                                   |              |                       |
| 37                                              | 1280                                           | 39.10                   | 29200                                                        | 1.25                                   |              |                       |
| 41                                              | 1150                                           | 34.96                   | 28600                                                        | 1.40                                   |              |                       |
| 45                                              | 1040                                           | 31.43                   | 28000                                                        | 1.55                                   |              |                       |
| 52                                              | 910                                            | 27.28                   | 27200                                                        | 1.75                                   | S            | 87 4                  |
| 56                                              | 870                                            | 25.50                   | 25200                                                        | 1.45                                   | SF           | 87 4                  |
| 67                                              | 730                                            | 21.43                   | 24500                                                        | 1.70                                   | SA           | 87 4                  |
| 73                                              | 675                                            | 19.70                   | 24100                                                        | 1.85                                   | SAF          | 87 4                  |
| 82                                              | 600                                            | 17.49                   | 23500                                                        | 2.1                                    |              |                       |
| 91                                              | 535                                            | 15.64                   | 23000                                                        | 2.3                                    |              |                       |
| 102                                             | 485                                            | 14.06                   | 22500                                                        | 2.6                                    |              |                       |
| 117                                             | 420                                            | 12.21                   | 21800                                                        | 3.0                                    |              |                       |
| 131                                             | 375                                            | 10.93                   | 21200                                                        | 3.3                                    |              |                       |
| 35                                              | 1320                                           | 41.07                   | 7560                                                         | 0.85                                   | S            | 77 4                  |
| 40                                              | 1160                                           | 35.94                   | 7750                                                         | 0.95                                   | SF           | 77 4                  |
| 44                                              | 1050                                           | 32.38                   | 7850                                                         | 1.05                                   | SA           | 77 4                  |
|                                                 |                                                |                         |                                                              |                                        | SAF          | 77 4                  |
| 50                                              | 920                                            | 28.41                   | 7920                                                         | 1.15                                   |              |                       |
| 57                                              | 820                                            | 25.07                   | 7940                                                         | 1.25                                   |              |                       |
| 64                                              | 725                                            | 22.22                   | 7920                                                         | 1.35                                   |              |                       |
| 78                                              | 625                                            | 18.42                   | 5920                                                         | 1.15                                   |              |                       |
| 82                                              | 590                                            | 17.45                   | 6170                                                         | 1.20                                   | S            | 77 4                  |
| 94                                              | 520                                            | 15.28                   | 6490                                                         | 1.35                                   | SF           | 77 4                  |
| 104                                             | 470                                            | 13.76                   | 6510                                                         | 1.50                                   | SA           | 77 4                  |
| 118                                             | 410                                            | 12.07                   | 6500                                                         | 1.75                                   | SAF          | 77 4                  |
| 134                                             | 365                                            | 10.65                   | 6450                                                         | 2.0                                    |              |                       |
| 151                                             | 325                                            | 9.44                    | 6390                                                         | 2.2                                    |              |                       |
| 177                                             | 275                                            | 8.06                    | 6280                                                         | 2.5                                    |              |                       |
| 130                                             | 370                                            | 11.03                   | 2930                                                         | 0.90                                   | S            | 67 4                  |
| 143                                             | 340                                            | 10.03                   | 3260                                                         | 1.00                                   | SF           | 67 4                  |
| 165                                             | 295                                            | 8.69                    | 3670                                                         | 1.15                                   | SA           | 67 4                  |
| 189                                             | 255                                            | 7.56                    | 3850                                                         | 1.15                                   | SAF          | 67 4                  |
| <b>7.5kW</b>                                    |                                                |                         |                                                              |                                        |              |                       |
| 14                                              | 4160                                           | 105.71                  | 32900                                                        | 0.85                                   |              |                       |
| 16                                              | 3560                                           | 89.60                   | 34100                                                        | 0.90                                   |              |                       |
| 18                                              | 3130                                           | 78.26                   | 34800                                                        | 1.00                                   |              |                       |
| 20                                              | 3200                                           | 71.43                   | 34600                                                        | 1.05                                   |              |                       |
| 22                                              | 2630                                           | 65.45                   | 35500                                                        | 1.10                                   | S            | 97 4                  |
| 24                                              | 2730                                           | 60.59                   | 35300                                                        | 1.20                                   | SF           | 97 4                  |
| 26                                              | 2520                                           | 55.79                   | 35600                                                        | 1.30                                   | SA           | 97 4                  |
| 29                                              | 2260                                           | 49.87                   | 35900                                                        | 1.45                                   | SAF          | 97 4                  |
| 32                                              | 2040                                           | 44.89                   | 36100                                                        | 1.60                                   |              |                       |
| 35                                              | 1850                                           | 40.65                   | 36300                                                        | 1.80                                   |              |                       |
| 40                                              | 1650                                           | 36.05                   | 36200                                                        | 2.0                                    |              |                       |
| 44                                              | 1490                                           | 32.60                   | 35500                                                        | 2.2                                    |              |                       |
| 54                                              | 1240                                           | 26.39                   | 32000                                                        | 2.1                                    |              |                       |
| 61                                              | 1110                                           | 23.59                   | 31400                                                        | 2.3                                    |              |                       |
| 67                                              | 1000                                           | 21.23                   | 30700                                                        | 2.6                                    |              |                       |
| 74                                              | 910                                            | 19.23                   | 30100                                                        | 2.9                                    |              |                       |
| 32                                              | 1970                                           | 44.03                   | 27800                                                        | 0.80                                   | S            | 87 4                  |
| 37                                              | 1750                                           | 39.10                   | 27400                                                        | 0.90                                   | SF           | 87 4                  |
| 41                                              | 1570                                           | 34.96                   | 27000                                                        | 1.00                                   | SA           | 87 4                  |
|                                                 |                                                |                         |                                                              |                                        | SAF          | 87 4                  |
| 45                                              | 1420                                           | 31.43                   | 26500                                                        | 1.15                                   |              |                       |
| 52                                              | 1230                                           | 27.28                   | 25900                                                        | 1.30                                   |              |                       |
| 56                                              | 1180                                           | 25.50                   | 23500                                                        | 1.05                                   |              |                       |
| 67                                              | 1000                                           | 21.43                   | 23000                                                        | 1.25                                   |              |                       |
| 73                                              | 920                                            | 19.70                   | 22700                                                        | 1.35                                   | S            | 87 4                  |
| 82                                              | 820                                            | 17.49                   | 22300                                                        | 1.50                                   | SF           | 87 4                  |
| 91                                              | 730                                            | 15.64                   | 21900                                                        | 1.70                                   | SA           | 87 4                  |
| 102                                             | 660                                            | 14.06                   | 21500                                                        | 1.90                                   | SAF          | 87 4                  |
| 117                                             | 575                                            | 12.21                   | 20900                                                        | 2.2                                    |              |                       |
| 131                                             | 515                                            | 10.93                   | 20500                                                        | 2.4                                    |              |                       |
| 158                                             | 430                                            | 9.07                    | 19700                                                        | 2.7                                    |              |                       |
| 181                                             | 375                                            | 7.88                    | 19100                                                        | 2.7                                    |              |                       |



| 输出<br>转速<br>Output<br>speed<br>$n_a$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_a$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{Ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model |    | 电机<br>极数<br>Pole<br>P |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|--------------|----|-----------------------|
| 7.5KW                                           |                                                  |                         |                                                              |                                        |              |    |                       |
| 50                                              | 1260                                             | 28.41                   | 6240                                                         | 0.85                                   | S            | 77 | 4                     |
| 57                                              | 1110                                             | 25.07                   | 6450                                                         | 0.90                                   | SF           | 77 | 4                     |
| 64                                              | 990                                              | 22.22                   | 6600                                                         | 1.00                                   | SA           | 77 | 4                     |
| 78                                              | 850                                              | 18.42                   | 1860                                                         | 0.85                                   | SAF          | 77 | 4                     |
| 82                                              | 810                                              | 17.45                   | 2290                                                         | 0.90                                   | S            | 77 | 4                     |
| 94                                              | 705                                              | 15.28                   | 3250                                                         | 1.00                                   |              |    |                       |
| 104                                             | 640                                              | 13.76                   | 3890                                                         | 1.10                                   |              |    |                       |
| 118                                             | 560                                              | 12.07                   | 4570                                                         | 1.30                                   |              |    |                       |
| 134                                             | 495                                              | 10.65                   | 5110                                                         | 1.45                                   |              |    |                       |
| 151                                             | 440                                              | 9.44                    | 5540                                                         | 1.65                                   |              |    |                       |
| 177                                             | 380                                              | 8.06                    | 5580                                                         | 1.80                                   | SAF          | 77 | 4                     |
| 9.2KW                                           |                                                  |                         |                                                              |                                        |              |    |                       |
| 18                                              | 3810                                             | 78.26                   | 33600                                                        | 0.80                                   | S            | 97 | 4                     |
| 22                                              | 3210                                             | 65.45                   | 34600                                                        | 0.90                                   | SF           | 97 | 4                     |
| 26                                              | 3070                                             | 55.79                   | 34800                                                        | 1.05                                   | SA           | 97 | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | SAF          | 97 | 4                     |
| 29                                              | 2750                                             | 49.87                   | 35300                                                        | 1.20                                   | S            | 97 | 4                     |
| 32                                              | 2480                                             | 44.89                   | 35600                                                        | 1.35                                   |              |    |                       |
| 35                                              | 2260                                             | 40.65                   | 35700                                                        | 1.45                                   |              |    |                       |
| 40                                              | 2010                                             | 36.05                   | 35000                                                        | 1.65                                   |              |    |                       |
| 44                                              | 1820                                             | 32.60                   | 34400                                                        | 1.75                                   |              |    |                       |
| 55                                              | 1510                                             | 26.39                   | 30700                                                        | 1.70                                   |              |    |                       |
| 61                                              | 1350                                             | 23.59                   | 30200                                                        | 1.9                                    |              |    |                       |
| 68                                              | 1220                                             | 21.23                   | 29700                                                        | 2.1                                    |              |    |                       |
| 75                                              | 1110                                             | 19.23                   | 29200                                                        | 2.3                                    |              |    |                       |
| 84                                              | 980                                              | 17.05                   | 28500                                                        | 2.6                                    |              |    |                       |
| 93                                              | 890                                              | 15.42                   | 28000                                                        | 2.8                                    |              |    |                       |
| 110                                             | 755                                              | 13.07                   | 27000                                                        | 3.1                                    |              |    |                       |
| 126                                             | 660                                              | 11.41                   | 26200                                                        | 3.3                                    |              |    |                       |
| 41                                              | 1910                                             | 34.96                   | 25600                                                        | 0.85                                   | S            | 87 | 4                     |
| 46                                              | 1730                                             | 31.43                   | 25300                                                        | 0.95                                   | SF           | 87 | 4                     |
| 53                                              | 1500                                             | 27.28                   | 24800                                                        | 1.05                                   | SA           | 87 | 4                     |
| 59                                              | 1350                                             | 24.43                   | 24400                                                        | 1.20                                   | SAF          | 87 | 4                     |
| 71                                              | 1120                                             | 20.27                   | 23700                                                        | 1.40                                   | S            | 87 | 4                     |
| 73                                              | 1120                                             | 19.70                   | 21600                                                        | 1.10                                   |              |    |                       |
| 82                                              | 1000                                             | 17.49                   | 21300                                                        | 1.25                                   |              |    |                       |
| 92                                              | 890                                              | 15.64                   | 21000                                                        | 1.40                                   |              |    |                       |
| 102                                             | 800                                              | 14.06                   | 20700                                                        | 1.55                                   |              |    |                       |
| 118                                             | 700                                              | 12.21                   | 20200                                                        | 1.75                                   |              |    |                       |
| 132                                             | 625                                              | 10.93                   | 19800                                                        | 2.0                                    |              |    |                       |
| 159                                             | 520                                              | 9.07                    | 19100                                                        | 2.2                                    |              |    |                       |
| 183                                             | 455                                              | 7.88                    | 18600                                                        | 2.2                                    |              |    |                       |
| 76                                              | 1040                                             | 18.97                   | 5760                                                         | 0.90                                   | S            | 77 | 4                     |
| 105                                             | 780                                              | 13.76                   | 1350                                                         | 0.90                                   | SF           | 77 | 4                     |
| 119                                             | 685                                              | 12.07                   | 2290                                                         | 1.05                                   | SF           | 77 | 4                     |
| 135                                             | 605                                              | 10.65                   | 3060                                                         | 1.20                                   | SA           | 77 | 4                     |
| 152                                             | 535                                              | 9.44                    | 3690                                                         | 1.35                                   | SAF          | 77 | 4                     |
| 179                                             | 460                                              | 8.06                    | 4360                                                         | 1.50                                   |              |    |                       |
| 11.0KW                                          |                                                  |                         |                                                              |                                        |              |    |                       |
| 26                                              | 3670                                             | 55.79                   | 33800                                                        | 0.90                                   | S            | 97 | 4                     |
| 29                                              | 3290                                             | 49.87                   | 34500                                                        | 1.00                                   |              |    |                       |
| 32                                              | 2970                                             | 44.89                   | 34800                                                        | 1.10                                   |              |    |                       |
| 35                                              | 2700                                             | 40.65                   | 34400                                                        | 1.20                                   |              |    |                       |
| 40                                              | 2400                                             | 36.05                   | 33800                                                        | 1.40                                   |              |    |                       |
| 44                                              | 2170                                             | 32.60                   | 33300                                                        | 1.45                                   |              |    |                       |
| 55                                              | 1810                                             | 26.39                   | 29400                                                        | 1.45                                   |              |    |                       |
| 61                                              | 1620                                             | 23.59                   | 29000                                                        | 1.60                                   |              |    |                       |
| 68                                              | 1460                                             | 21.23                   | 28600                                                        | 1.80                                   |              |    |                       |
| 75                                              | 1320                                             | 19.23                   | 28200                                                        | 1.95                                   |              |    |                       |
| 84                                              | 1180                                             | 17.05                   | 27600                                                        | 2.2                                    |              |    |                       |
| 93                                              | 1070                                             | 15.42                   | 27200                                                        | 2.3                                    |              |    |                       |
| 110                                             | 900                                              | 13.07                   | 26400                                                        | 2.6                                    |              |    |                       |
| 126                                             | 790                                              | 11.41                   | 25700                                                        | 2.8                                    |              |    |                       |
| 53                                              | 1800                                             | 27.28                   | 23700                                                        | 0.90                                   | S            | 87 | 4                     |
| 59                                              | 1610                                             | 24.43                   | 23400                                                        | 1.00                                   | SF           | 87 | 4                     |
| 71                                              | 1340                                             | 20.27                   | 22800                                                        | 1.20                                   | SA           | 87 | 4                     |
|                                                 |                                                  |                         |                                                              |                                        | SAF          | 87 | 4                     |

| 输出<br>转速<br>Output<br>speed<br>$n_s$<br>[r/min] | 输出<br>转矩<br>Output<br>torque<br>$M_s$<br>[N · m] | 传动<br>比<br>Ratio<br>$i$ | 径向<br>负荷<br>Permitted<br>overhung<br>load<br>$F_{ra}$<br>[N] | 使用<br>系数<br>Service<br>factor<br>$f_s$ | 机型号<br>Model         | 电机<br>极数<br>Pole<br>P |                  |
|-------------------------------------------------|--------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------------------------------|----------------------|-----------------------|------------------|
| 11.0KW                                          |                                                  |                         |                                                              |                                        |                      |                       |                  |
| 73                                              | 1340                                             | 19.70                   | 20400                                                        | 0.95                                   | S<br>SF<br>SA<br>SAF | 87<br>87<br>87<br>87  | 4<br>4<br>4<br>4 |
| 82                                              | 1190                                             | 17.49                   | 20200                                                        | 1.05                                   |                      |                       |                  |
| 92                                              | 1070                                             | 15.64                   | 20000                                                        | 1.15                                   |                      |                       |                  |
| 102                                             | 960                                              | 14.06                   | 19800                                                        | 1.30                                   |                      |                       |                  |
| 118                                             | 840                                              | 12.21                   | 19400                                                        | 1.50                                   |                      |                       |                  |
| 132                                             | 750                                              | 10.93                   | 19100                                                        | 1.65                                   |                      |                       |                  |
| 159                                             | 625                                              | 9.07                    | 18600                                                        | 1.85                                   |                      |                       |                  |
| 183                                             | 545                                              | 7.88                    | 18100                                                        | 1.85                                   |                      |                       |                  |
| 15.0KW                                          |                                                  |                         |                                                              |                                        |                      |                       |                  |
| 33                                              | 4000                                             | 44.89                   | 31400                                                        | 0.85                                   | S<br>SF<br>SA<br>SAF | 97<br>97<br>97<br>97  | 4<br>4<br>4<br>4 |
| 36                                              | 3630                                             | 40.65                   | 31300                                                        | 0.90                                   |                      |                       |                  |
| 41                                              | 3230                                             | 36.05                   | 31000                                                        | 1.00                                   |                      |                       |                  |
| 45                                              | 2920                                             | 32.60                   | 30800                                                        | 1.10                                   | S<br>SF<br>SA<br>SAF | 97<br>97<br>97<br>97  | 4<br>4<br>4<br>4 |
| 55                                              | 2430                                             | 26.39                   | 26400                                                        | 1.05                                   |                      |                       |                  |
| 62                                              | 2180                                             | 23.59                   | 26300                                                        | 1.20                                   |                      |                       |                  |
| 69                                              | 1970                                             | 21.23                   | 26200                                                        | 1.30                                   |                      |                       |                  |
| 76                                              | 1780                                             | 19.23                   | 26000                                                        | 1.45                                   |                      |                       |                  |
| 86                                              | 1580                                             | 17.05                   | 25700                                                        | 1.60                                   |                      |                       |                  |
| 95                                              | 1430                                             | 15.42                   | 25400                                                        | 1.70                                   |                      |                       |                  |
| 112                                             | 1220                                             | 13.07                   | 24800                                                        | 1.90                                   |                      |                       |                  |
| 128                                             | 1060                                             | 11.41                   | 24300                                                        | 2.1                                    |                      |                       |                  |
| 153                                             | 890                                              | 9.55                    | 23600                                                        | 2.3                                    |                      |                       |                  |
| 177                                             | 775                                              | 8.26                    | 22900                                                        | 2.3                                    |                      |                       |                  |
| 93                                              | 1430                                             | 15.64                   | 17900                                                        | 0.85                                   | S<br>SF<br>SA<br>SAF | 87<br>87<br>87<br>87  | 4<br>4<br>4<br>4 |
| 104                                             | 1290                                             | 14.06                   | 17900                                                        | 0.95                                   |                      |                       |                  |
| 120                                             | 1120                                             | 12.21                   | 17800                                                        | 1.10                                   |                      |                       |                  |
| 134                                             | 1010                                             | 10.93                   | 17600                                                        | 1.25                                   | S<br>SF<br>SA<br>SAF | 87<br>87<br>87<br>87  | 4<br>4<br>4<br>4 |
| 161                                             | 840                                              | 9.07                    | 17300                                                        | 1.35                                   |                      |                       |                  |
| 185                                             | 730                                              | 7.88                    | 17000                                                        | 1.40                                   |                      |                       |                  |
| 18.5KW                                          |                                                  |                         |                                                              |                                        |                      |                       |                  |
| 41                                              | 3970                                             | 36.05                   | 28700                                                        | 0.85                                   | S<br>SF<br>SA<br>SAF | 97<br>97<br>97<br>97  | 4<br>4<br>4<br>4 |
| 45                                              | 3590                                             | 32.60                   | 28600                                                        | 0.90                                   |                      |                       |                  |
| 53                                              | 3060                                             | 27.63                   | 28400                                                        | 1.00                                   |                      |                       |                  |
| 61                                              | 2680                                             | 24.13                   | 28100                                                        | 1.05                                   |                      |                       |                  |
| 69                                              | 2420                                             | 21.23                   | 24100                                                        | 1.10                                   |                      |                       |                  |
| 76                                              | 2190                                             | 19.23                   | 24100                                                        | 1.20                                   |                      |                       |                  |
| 86                                              | 1950                                             | 17.05                   | 24000                                                        | 1.30                                   |                      |                       |                  |
| 95                                              | 1760                                             | 15.42                   | 23900                                                        | 1.40                                   |                      |                       |                  |
| 112                                             | 1500                                             | 13.07                   | 23500                                                        | 1.55                                   |                      |                       |                  |
| 128                                             | 1310                                             | 11.41                   | 23200                                                        | 1.70                                   |                      |                       |                  |
| 153                                             | 1100                                             | 9.55                    | 22600                                                        | 1.85                                   |                      |                       |                  |
| 177                                             | 950                                              | 8.26                    | 22100                                                        | 1.85                                   |                      |                       |                  |
| 22KW                                            |                                                  |                         |                                                              |                                        |                      |                       |                  |
| 53                                              | 3630                                             | 27.63                   | 26600                                                        | 0.85                                   | S<br>SF<br>SA<br>SAF | 97<br>97<br>97<br>97  | 4<br>4<br>4<br>4 |
| 61                                              | 3180                                             | 24.13                   | 26500                                                        | 0.90                                   |                      |                       |                  |
| 69                                              | 2870                                             | 21.23                   | 19800                                                        | 0.90                                   |                      |                       |                  |
| 76                                              | 2600                                             | 19.23                   | 21800                                                        | 1.00                                   |                      |                       |                  |
| 86                                              | 2310                                             | 17.05                   | 22300                                                        | 1.10                                   |                      |                       |                  |
| 95                                              | 2090                                             | 15.42                   | 22400                                                        | 1.20                                   | S<br>SF<br>SA<br>SAF | 97<br>97<br>97<br>97  | 4<br>4<br>4<br>4 |
| 112                                             | 1780                                             | 13.07                   | 22300                                                        | 1.30                                   |                      |                       |                  |
| 128                                             | 1560                                             | 11.41                   | 22100                                                        | 1.40                                   |                      |                       |                  |
| 153                                             | 1300                                             | 9.55                    | 21700                                                        | 1.55                                   |                      |                       |                  |
| 177                                             | 1130                                             | 8.26                    | 21300                                                        | 1.55                                   |                      |                       |                  |

**S37/47/57R17**     $n_s=1400$  r/min

| S37R17 |                  | 90Nm               |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Re}$<br>[N] |
| 10037  | 0.14             | 92                 | 3000            |
| 8654   | 0.16             | 92                 | 3000            |
| 8066   | 0.17             | 92                 | 3000            |
| 7051   | 0.20             | 92                 | 3000            |
| 6079   | 0.23             | 92                 | 3000            |
| 5431   | 0.26             | 92                 | 3000            |
| 4747   | 0.29             | 92                 | 3000            |
| 4155   | 0.34             | 92                 | 3000            |
| 3632   | 0.39             | 92                 | 3000            |
| 2866   | 0.49             | 92                 | 3000            |
| 2471   | 0.57             | 92                 | 3000            |
| 2160   | 0.65             | 92                 | 3000            |
| 1887   | 0.74             | 92                 | 3000            |
| 1665   | 0.84             | 92                 | 3000            |
| 1456   | 0.96             | 92                 | 3000            |
| 1271   | 1.1              | 92                 | 3000            |
| 1121   | 1.2              | 92                 | 3000            |
| 994    | 1.4              | 92                 | 3000            |
| 869    | 1.6              | 92                 | 3000            |
| 774    | 1.8              | 92                 | 3000            |
| 666    | 2.1              | 92                 | 3000            |
| 596    | 2.3              | 92                 | 3000            |
| 521    | 2.7              | 92                 | 3000            |
| 456    | 3.1              | 92                 | 3000            |
| 398    | 3.5              | 92                 | 3000            |
| 351    | 4.0              | 92                 | 3000            |
| 303    | 4.6              | 92                 | 3000            |
| 265    | 5.3              | 92                 | 3000            |
| 232    | 6.0              | 92                 | 3000            |
| 202    | 6.9              | 92                 | 3000            |
| 179    | 7.8              | 92                 | 3000            |
| 158    | 8.9              | 92                 | 3000            |
| 144    | 9.7              | 92                 | 3000            |
| 118    | 12               | 92                 | 3000            |
| 110    | 13               | 92                 | 3000            |

| S47R17 |                  | 185Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Re}$<br>[N] |
| 12909  | 0.11             | 185                | 5250            |
| 11189  | 0.13             | 185                | 5250            |
| 10374  | 0.13             | 185                | 5250            |
| 8992   | 0.16             | 185                | 5250            |
| 7860   | 0.18             | 185                | 5250            |
| 6887   | 0.20             | 185                | 5250            |
| 6055   | 0.23             | 185                | 5250            |
| 5292   | 0.26             | 185                | 5250            |
| 4637   | 0.30             | 185                | 5250            |
| 4092   | 0.34             | 185                | 5250            |
| 3582   | 0.39             | 185                | 5200            |
| 3131   | 0.45             | 185                | 5200            |
| 2714   | 0.52             | 185                | 5200            |
| 2412   | 0.58             | 185                | 5200            |
| 2131   | 0.66             | 185                | 5200            |
| 1863   | 0.75             | 185                | 5200            |
| 1663   | 0.84             | 185                | 5200            |
| 1435   | 0.98             | 185                | 5200            |
| 1254   | 1.1              | 185                | 5200            |
| 1120   | 1.2              | 185                | 5200            |
| 1083   | 1.3              | 185                | 5200            |
| 965    | 1.5              | 185                | 5200            |
| 956    | 1.5              | 185                | 5210            |
| 865    | 1.6              | 185                | 5200            |
| 750    | 1.9              | 185                | 5200            |
| 655    | 2.1              | 185                | 5200            |
| 574    | 2.4              | 185                | 5200            |
| 506    | 2.8              | 185                | 5200            |
| 438    | 3.2              | 185                | 5200            |
| 388    | 3.6              | 185                | 5200            |
| 336    | 4.2              | 185                | 5200            |
| 294    | 4.8              | 185                | 5200            |
| 257    | 5.4              | 185                | 5260            |
| 229    | 6.1              | 185                | 5200            |
| 200    | 7.0              | 185                | 5200            |
| 187    | 7.5              | 185                | 5200            |
| 165    | 8.5              | 185                | 5200            |
| 147    | 9.5              | 185                | 5200            |
| 131    | 11               | 185                | 5200            |

| S57R17 |                  | 300Nm              |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 12909  | 0.11             | 330                | 6800            |
| 11189  | 0.13             | 330                | 6800            |
| 10374  | 0.13             | 330                | 6800            |
| 8992   | 0.16             | 330                | 6800            |
| 7860   | 0.18             | 330                | 6800            |
| 6887   | 0.20             | 330                | 6800            |
| 6055   | 0.23             | 330                | 6800            |
| 5292   | 0.26             | 330                | 6800            |
| 4637   | 0.30             | 330                | 6800            |
| 4092   | 0.34             | 330                | 6800            |
| 3628   | 0.39             | 330                | 6800            |
| 3131   | 0.45             | 300                | 7090            |
| 2714   | 0.52             | 300                | 7090            |
| 2412   | 0.58             | 300                | 7090            |
| 2131   | 0.66             | 300                | 7090            |
| 1863   | 0.75             | 300                | 7090            |
| 1663   | 0.84             | 300                | 7090            |
| 1435   | 0.98             | 300                | 7090            |
| 1254   | 1.1              | 300                | 7090            |
| 1083   | 1.3              | 300                | 7090            |
| 965    | 1.5              | 300                | 7090            |
| 865    | 1.6              | 300                | 7090            |
| 750    | 1.9              | 300                | 7090            |
| 655    | 2.1              | 300                | 7090            |
| 574    | 2.4              | 300                | 7090            |
| 506    | 2.8              | 300                | 7090            |
| 438    | 3.2              | 300                | 7090            |
| 388    | 3.6              | 300                | 7090            |
| 336    | 4.5              | 300                | 7090            |
| 294    | 4.8              | 300                | 7090            |
| 269    | 5.2              | 300                | 7090            |
| 229    | 6.1              | 300                | 7090            |
| 204    | 6.9              | 300                | 7090            |
| 187    | 7.5              | 300                | 7090            |
| 165    | 8.5              | 300                | 7090            |
| 131    | 11               | 300                | 7090            |



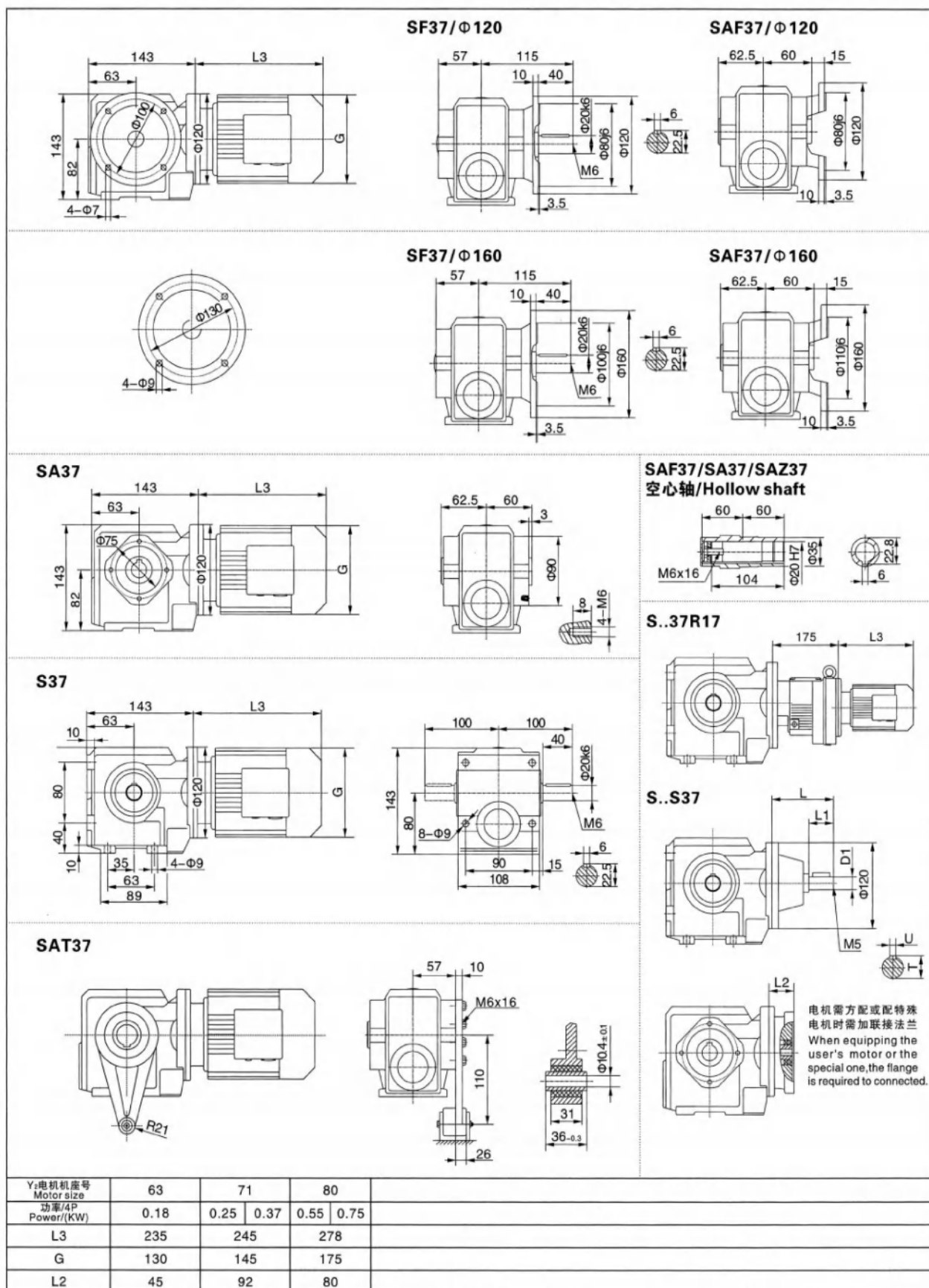
**S67/77R37, S87R57  $n_a=1400$  r/min**

| S67R37 570Nm |                  |                    |                 | S77R37 1270Nm |                  |                    |                 | S87R57 2500Nm |                  |                    |                 |
|--------------|------------------|--------------------|-----------------|---------------|------------------|--------------------|-----------------|---------------|------------------|--------------------|-----------------|
| i            | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | i             | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] | i             | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 21362        | 0.07             | 570                | 8190            | 25493         | 0.05             | 1270               | 11700           | 25987         | 0.05             | 2500               | 27500           |
| 19594        | 0.07             | 570                | 8190            | 21787         | 0.06             | 1270               | 11700           | 23940         | 0.06             | 2500               | 27500           |
| 18120        | 0.08             | 570                | 8190            | 19907         | 0.07             | 1270               | 11700           | 20568         | 0.07             | 2500               | 27500           |
| 16682        | 0.08             | 570                | 8190            | 17013         | 0.08             | 1270               | 11700           | 18265         | 0.08             | 2500               | 27500           |
| 14383        | 0.10             | 570                | 8190            | 14668         | 0.10             | 1270               | 11700           | 16774         | 0.08             | 2500               | 27500           |
| 12774        | 0.11             | 570                | 8190            | 13110         | 0.11             | 1270               | 11700           | 14820         | 0.09             | 2500               | 27500           |
| 11013        | 0.13             | 570                | 8190            | 11569         | 0.12             | 1270               | 11700           | 13160         | 0.11             | 2500               | 27500           |
| 9694         | 0.14             | 570                | 8190            | 9887          | 0.14             | 1270               | 11700           | 11200         | 0.12             | 2500               | 27500           |
| 8529         | 0.16             | 570                | 8190            | 8817          | 0.16             | 1270               | 11700           | 9904          | 0.14             | 2500               | 27500           |
| 7455         | 0.19             | 570                | 8190            | 7735          | 0.18             | 1270               | 11700           | 8549          | 0.16             | 2500               | 27500           |
| 6531         | 0.21             | 570                | 8190            | 6735          | 0.21             | 1270               | 11700           | 7643          | 0.18             | 2500               | 27500           |
| 5759         | 0.24             | 570                | 8190            | 5943          | 0.24             | 1270               | 11700           | 6706          | 0.21             | 2500               | 27500           |
| 4965         | 0.28             | 570                | 8190            | 5214          | 0.27             | 1270               | 11700           | 5875          | 0.24             | 2500               | 27500           |
| 4410         | 0.32             | 570                | 8190            | 4618          | 0.30             | 1270               | 11700           | 5187          | 0.27             | 2500               | 27500           |
| 3880         | 0.36             | 570                | 8190            | 3992          | 0.35             | 1270               | 11700           | 4606          | 0.30             | 2500               | 27500           |
| 3432         | 0.41             | 570                | 8190            | 3540          | 0.40             | 1270               | 11700           | 3872          | 0.36             | 2500               | 27500           |
| 2944         | 0.48             | 570                | 8190            | 3098          | 0.45             | 1270               | 11700           | 3475          | 0.40             | 2500               | 27500           |
| 2630         | 0.53             | 570                | 8190            | 2753          | 0.51             | 1240               | 12000           | 2905          | 0.48             | 2500               | 27500           |
| 2279         | 0.61             | 570                | 8190            | 2374          | 0.59             | 1240               | 12000           | 2586          | 0.54             | 2500               | 27500           |
| 2014         | 0.70             | 570                | 8190            | 2083          | 0.67             | 1240               | 12000           | 2335          | 0.60             | 2500               | 27500           |
| 1772         | 0.79             | 570                | 8190            | 1813          | 0.77             | 1240               | 12000           | 2054          | 0.68             | 2500               | 27500           |
| 1559         | 0.90             | 570                | 8190            | 1745          | 0.80             | 1240               | 12000           | 1824          | 0.77             | 2500               | 27500           |
| 1363         | 1.0              | 570                | 8190            | 1600          | 0.88             | 1240               | 12000           | 1631          | 0.86             | 2500               | 27500           |
| 1194         | 1.2              | 570                | 8190            | 1404          | 1.0              | 1240               | 12000           | 1332          | 1.1              | 2500               | 27500           |
| 1045         | 1.3              | 570                | 8190            | 1245          | 1.1              | 1240               | 12000           | 1191          | 1.2              | 2500               | 27500           |
| 914          | 1.5              | 570                | 8190            | 1100          | 1.3              | 1240               | 12000           | 1032          | 1.4              | 2500               | 27500           |
| 809          | 1.7              | 570                | 8190            | 954           | 1.5              | 1240               | 12000           | 930           | 1.5              | 2500               | 27500           |
| 712          | 2.0              | 570                | 8190            | 837           | 1.7              | 1240               | 12000           | 831           | 1.7              | 2500               | 27500           |
| 615          | 2.3              | 570                | 8190            | 714           | 2.0              | 1240               | 12000           | 719           | 1.9              | 2500               | 27500           |
| 543          | 2.6              | 570                | 8190            | 637           | 2.2              | 1240               | 12000           | 624           | 2.2              | 2500               | 27500           |
| 469          | 3.0              | 570                | 8190            | 574           | 2.4              | 1240               | 12000           | 558           | 2.5              | 2500               | 27500           |
| 424          | 3.3              | 570                | 8190            | 499           | 2.8              | 1240               | 12000           | 485           | 2.9              | 2500               | 27500           |
| 365          | 3.8              | 570                | 8190            | 438           | 3.2              | 1240               | 12000           | 435           | 3.2              | 2450               | 27600           |
| 319          | 4.4              | 570                | 8190            | 389           | 3.6              | 1240               | 12000           | 378           | 3.7              | 2450               | 27600           |
| 281          | 5.0              | 570                | 8190            | 327           | 4.3              | 1240               | 12000           | 323           | 4.3              | 2400               | 27700           |
| 246          | 5.7              | 570                | 8190            | 289           | 4.8              | 1240               | 12000           | 281           | 5.0              | 2400               | 27700           |
| 221          | 6.3              | 570                | 8190            | 250           | 5.6              | 1240               | 12000           | 255           | 5.5              | 1980               | 28400           |
| 198          | 7.1              | 570                | 8190            | 219           | 6.4              | 1240               | 12000           | 222           | 6.3              | 1980               | 28400           |
| 168          | 8.3              | 570                | 8190            |               |                  |                    |                 | 205           | 6.8              | 1980               | 28400           |
| 156          | 9.0              | 570                | 8190            |               |                  |                    |                 |               |                  |                    |                 |



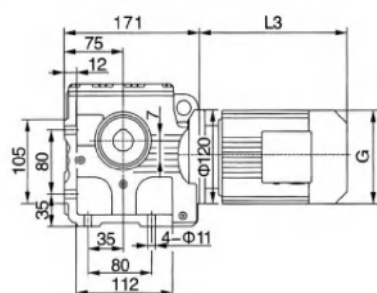
**S97R57       $n_a=1400$  r/min**

| S97R57 |                  | 4200Nm             |                 |
|--------|------------------|--------------------|-----------------|
| i      | $n_a$<br>[r/min] | $M_{amax}$<br>[Nm] | $F_{Ra}$<br>[N] |
| 33818  | 0.04             | 4200               | 34200           |
| 31154  | 0.04             | 4200               | 34200           |
| 27847  | 0.05             | 4200               | 34200           |
| 24641  | 0.06             | 4200               | 34200           |
| 21537  | 0.07             | 4200               | 34200           |
| 18749  | 0.07             | 4200               | 34200           |
| 16233  | 0.09             | 4200               | 34200           |
| 14576  | 0.10             | 4200               | 34200           |
| 12752  | 0.11             | 4200               | 34200           |
| 11267  | 0.12             | 4200               | 34200           |
| 10078  | 0.14             | 4200               | 34200           |
| 8608   | 0.16             | 4200               | 34200           |
| 7554   | 0.19             | 4200               | 34200           |
| 6640   | 0.21             | 4200               | 30600           |
| 5780   | 0.24             | 4200               | 30600           |
| 4937   | 0.28             | 4200               | 30600           |
| 4444   | 0.32             | 4200               | 30600           |
| 4017   | 0.35             | 4200               | 30600           |
| 3453   | 0.41             | 4200               | 30600           |
| 3108   | 0.45             | 4200               | 30600           |
| 2654   | 0.53             | 4200               | 30600           |
| 2329   | 0.60             | 4200               | 30600           |
| 2081   | 0.67             | 4200               | 30600           |
| 1860   | 0.75             | 4200               | 30600           |
| 1574   | 0.89             | 4200               | 30600           |
| 1394   | 1.0              | 4200               | 30600           |
| 1223   | 1.1              | 4200               | 30600           |
| 1070   | 1.3              | 4200               | 30600           |
| 928    | 1.5              | 4200               | 30600           |
| 824    | 1.7              | 4200               | 30600           |
| 714    | 2.0              | 4200               | 34400           |
| 626    | 2.2              | 4200               | 30600           |
| 536    | 2.6              | 4200               | 30600           |
| 464    | 2.9              | 4200               | 30700           |
| 420    | 3.3              | 4200               | 30700           |
| 376    | 3.7              | 4200               | 30800           |
| 327    | 4.3              | 4200               | 30800           |
| 287    | 4.9              | 4200               | 30900           |
| 252    | 5.6              | 4200               | 31000           |
| 219    | 6.4              | 4200               | 31000           |
| 205    | 6.8              | 4200               | 31000           |

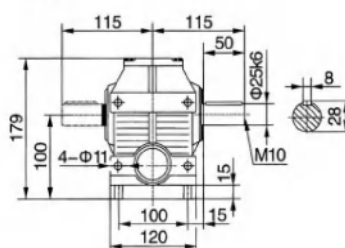


注：1.SA、SF、SAF、SAZ壳体为通用件，安装尺寸均可相互参照。 2.“S..”表示S、SA、SF、SAF、SAZ。

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2.“S..”mean S、SA、SF、SAF、SAZ.

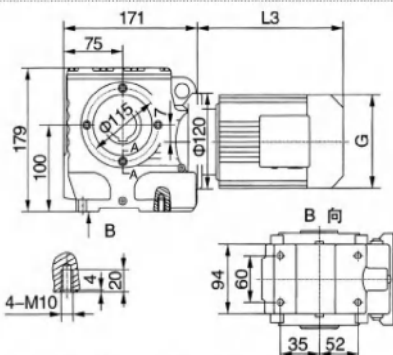
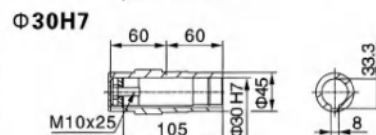
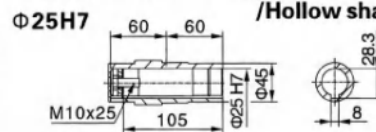


**S47**

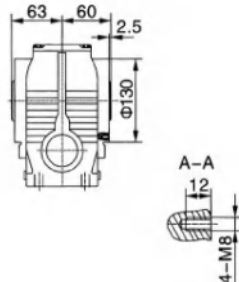


**SA47/SAZ47/SAF47空心轴**

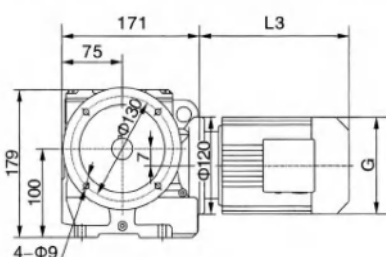
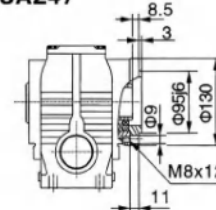
**/Hollow shaft**



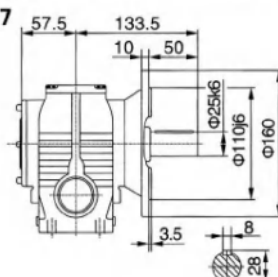
**SA47**



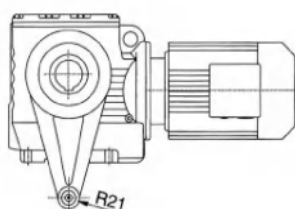
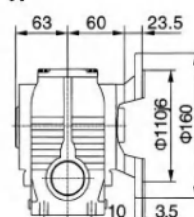
**SAZ47**



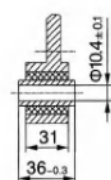
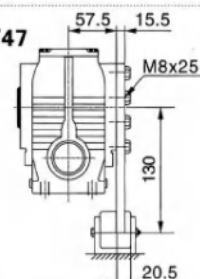
**SF47**



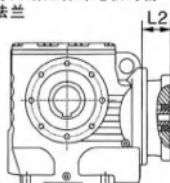
**SAF47**



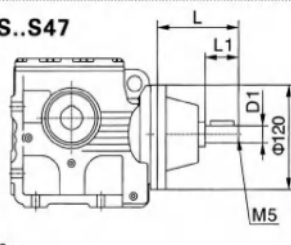
**SAT47**



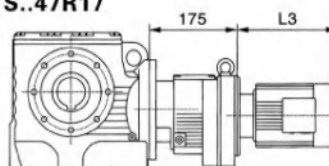
电机需方配或配特殊电机时需  
加联接法兰



**S..S47**



**S..47R17**



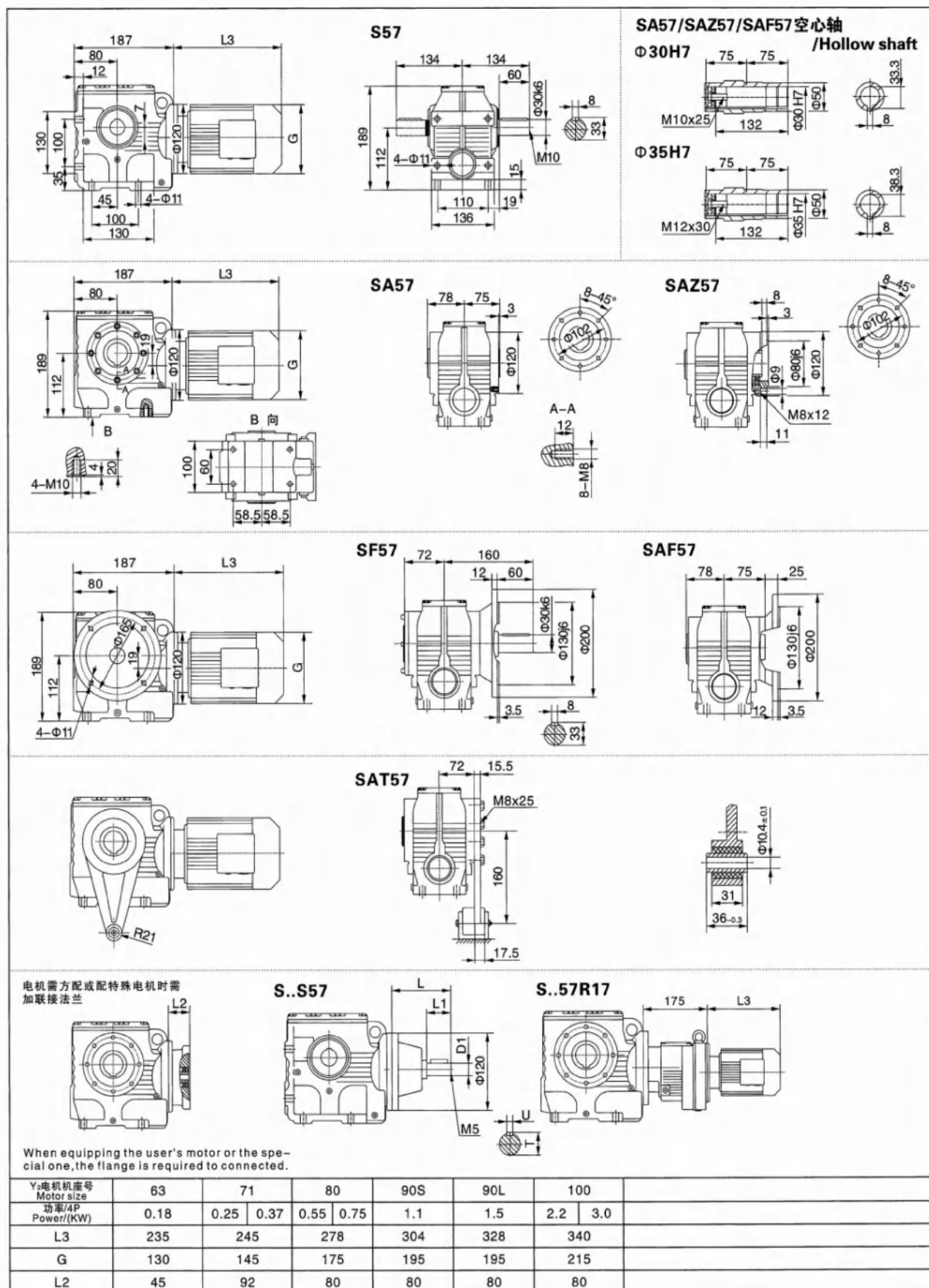
When equipping the user's motor or the spe-  
cial one, the flange is required to be connected.

| Y:电机机座号<br>Motor size | 63   | 71        | 80        | 90S | 90L |  |
|-----------------------|------|-----------|-----------|-----|-----|--|
| 功率/4P<br>Power/(KW)   | 0.18 | 0.25 0.37 | 0.55 0.75 | 1.1 | 1.5 |  |
| L3                    | 235  | 245       | 278       | 304 | 328 |  |
| G                     | 130  | 145       | 175       | 195 | 195 |  |
| L2                    | 45   | 92        | 80        | 80  | 80  |  |

注: 1.SA、SF、SAF、SAZ壳体为通用件, 安装尺寸均可相互参照。 2."S.."表示S、SA、SF、SAF、SAZ。

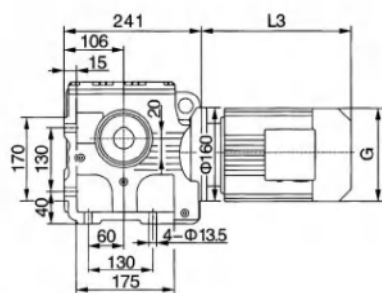
Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.



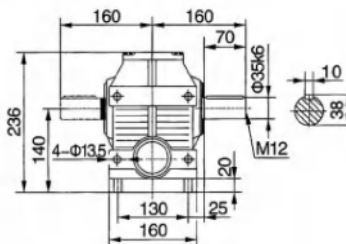


注：1.SA、SF、SAF、SAZ壳体为通用件，安装尺寸均可相互参照。 2.“S..”表示S、SA、SF、SAF、SAZ。

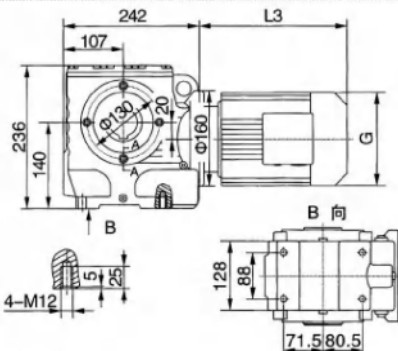
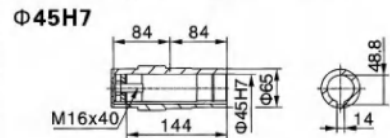
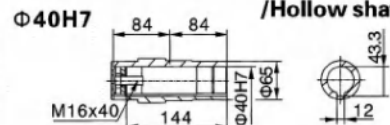
Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2.“S..”mean S、SA、SF、SAF、SAZ.



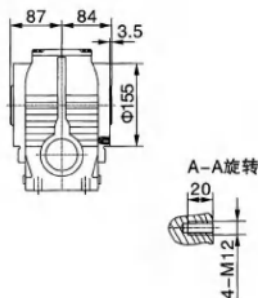
**S67**



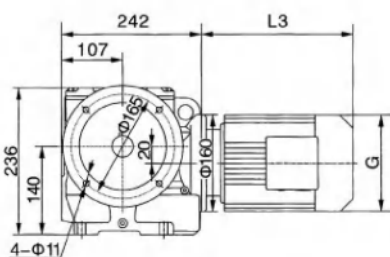
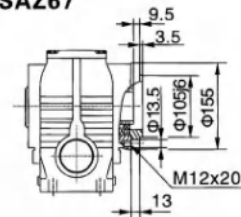
**SA67/SAZ67/SAF67空心轴 /Hollow shaft**



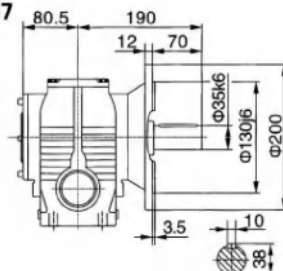
**SA67**



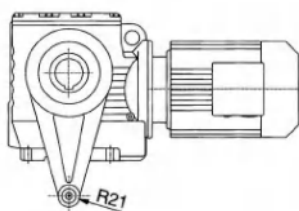
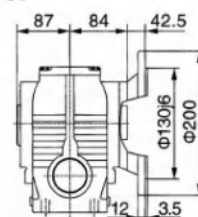
**SAZ67**



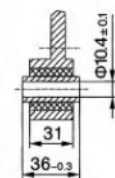
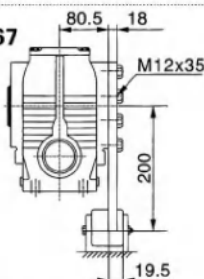
**SF67**



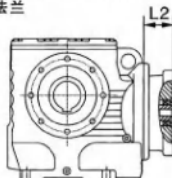
**SAF67**



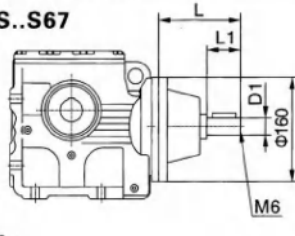
**SAT67**



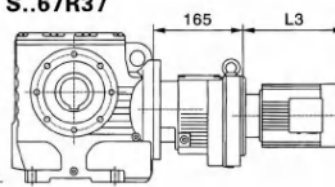
电机需方配或配特殊电机时需加联接法兰



**S..S67**



**S..67R37**

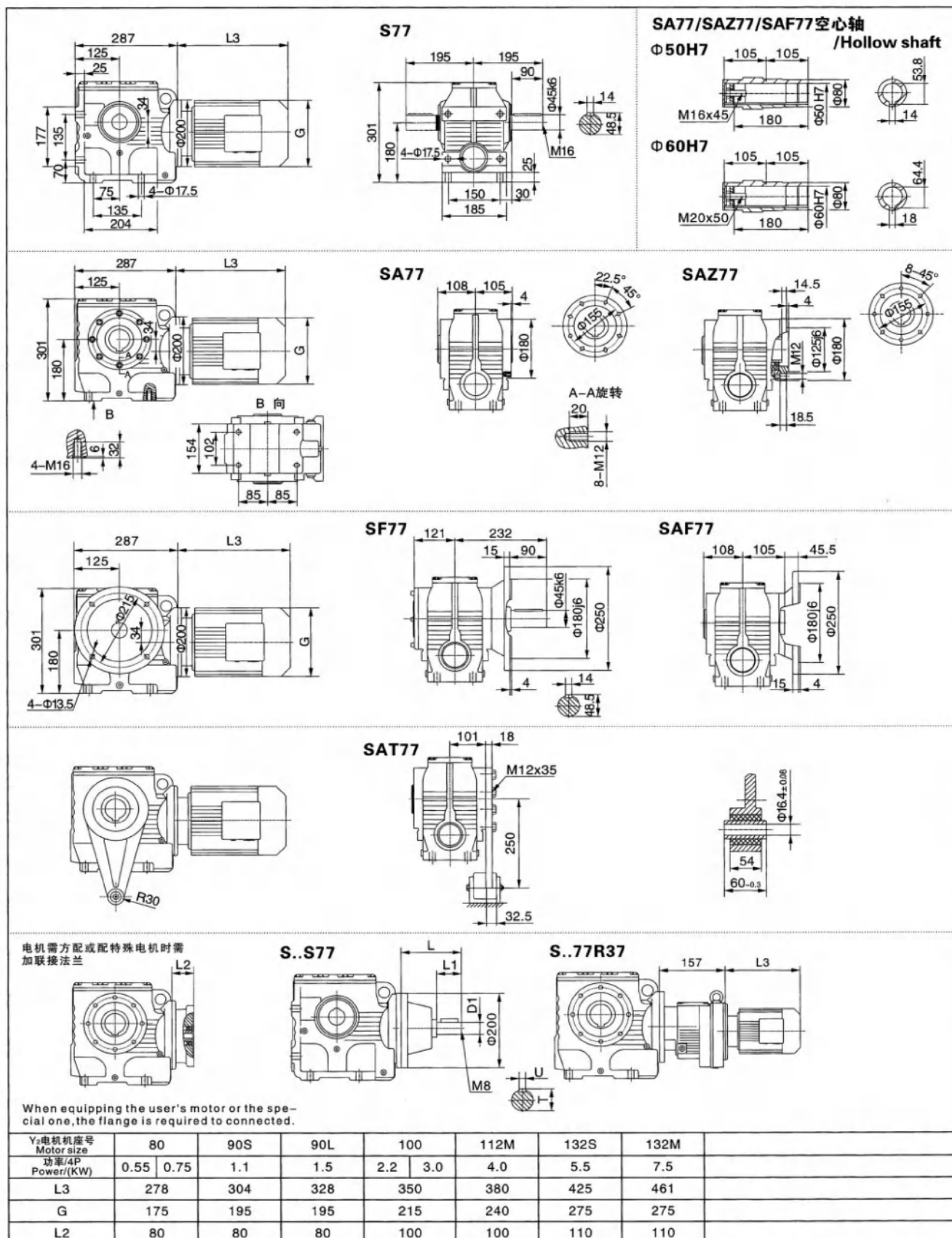


When equipping the user's motor or the special one, the flange is required to be connected.

| Y <sub>2</sub> 电机座号<br>Motor size | 71   | 80   | 90S  | 90L  | 100 | 112M | 132S |     |
|-----------------------------------|------|------|------|------|-----|------|------|-----|
| 功率/4P<br>Power/(KW)               | 0.25 | 0.37 | 0.55 | 0.75 | 1.1 | 1.5  | 2.2  | 3.0 |
| L3                                | 245  | 278  | 304  | 328  | 350 | 380  | 425  |     |
| G                                 | 145  | 175  | 195  | 195  | 215 | 240  | 275  |     |
| L2                                | 55   | 80   | 80   | 80   | 100 | 100  | 110  |     |

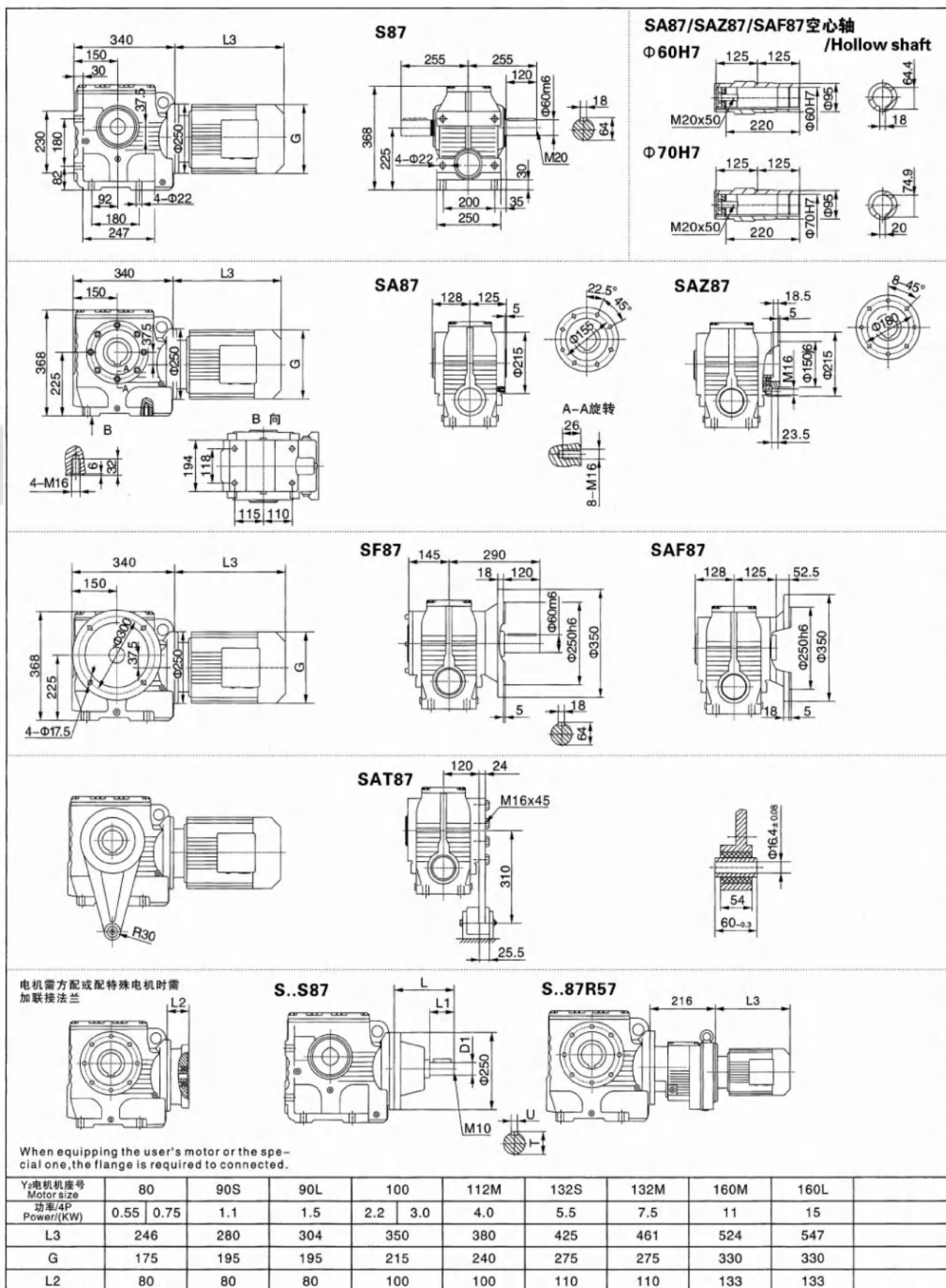
注: 1.SA、SF、SAF、SAZ壳体为通用件, 安装尺寸均可相互参照。 2."S.."表示S、SA、SF、SAF、SAZ。

Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2."S.."mean S、SA、SF、SAF、SAZ.



注：1.SA、SF、SAF、SAZ壳体为通用件，安装尺寸均可相互参照。 2.“S..”表示S、SA、SF、SAF、SAZ。  
Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2.“S..”mean S、SA、SF、SAF、SAZ.

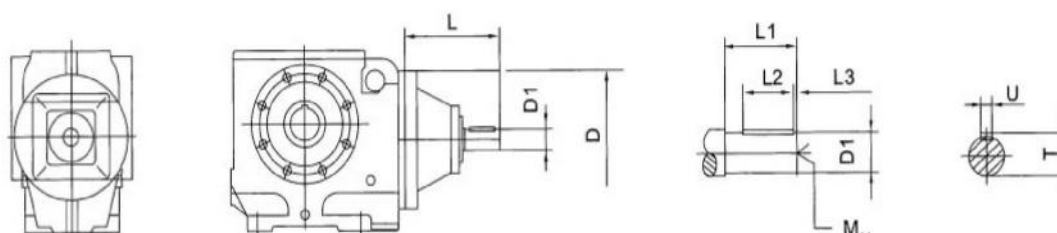




注：1.SA、SF、SAF、SAZ壳体为通用件，安装尺寸均可相互参照。2.\*S..\*表示S、SA、SF、SAF、SAZ。  
Note: 1.The housings of SA、SF、SAF、SAZ are common parts. The mounting dimensions may consult each other. 2.\*S..\*mean S、SA、SF、SAF、SAZ.



S..~AD..



|                         |     | D   | L   | D1 | L1  | L3 | L2 | T    | U  | M   |
|-------------------------|-----|-----|-----|----|-----|----|----|------|----|-----|
| S..37<br>S..47<br>S..57 | AD1 | 120 | 102 | 16 | 40  | 4  | 32 | 18   | 5  | M5  |
|                         | AD2 |     | 130 | 19 | 40  | 4  | 32 | 21.5 | 6  | M6  |
| S..67                   | AD2 | 160 | 123 | 19 | 40  | 4  | 32 | 21.5 | 6  | M6  |
|                         | AD3 |     | 159 | 24 | 50  | 5  | 40 | 27   | 8  | M8  |
| S..77                   | AD2 | 200 | 116 | 19 | 40  | 4  | 32 | 21.5 | 6  | M6  |
|                         | AD3 |     | 151 | 24 | 50  | 5  | 40 | 27   | 8  | M8  |
|                         | AD4 |     | 224 | 38 | 80  | 5  | 70 | 41   | 10 | M12 |
| S..87                   | AD2 | 250 | 111 | 19 | 40  | 4  | 32 | 21.5 | 6  | M6  |
|                         | AD3 |     | 156 | 28 | 60  | 5  | 50 | 31   | 8  | M10 |
|                         | AD4 |     | 219 | 38 | 80  | 5  | 70 | 41   | 10 | M12 |
|                         | AD5 |     | 292 | 42 | 110 | 10 | 70 | 45   | 12 | M16 |
| S..97                   | AD3 | 300 | 151 | 28 | 60  | 5  | 50 | 31   | 8  | M10 |
|                         | AD4 |     | 214 | 38 | 80  | 5  | 70 | 41   | 10 | M12 |
|                         | AD5 |     | 287 | 42 | 110 | 10 | 70 | 45   | 12 | M16 |
|                         | AD6 |     | 327 | 48 | 110 | 10 | 80 | 51.5 | 14 | M16 |



S..AM..

Fig.1

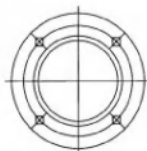
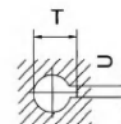
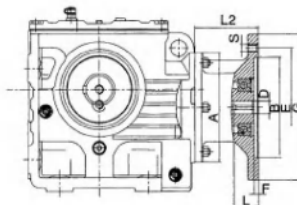
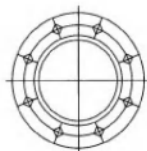


Fig.2

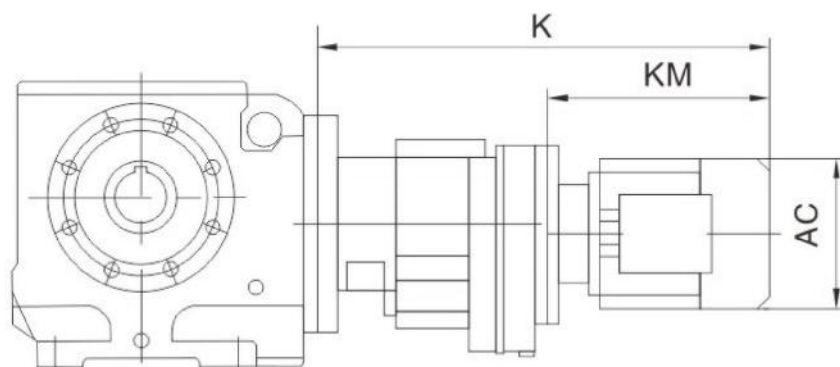


|                         |                       | Fig1 | B   | E   | F   | A   | G   | S   | L2  | D    | L    | T    | U  |  |      |    |  |  |  |  |  |  |
|-------------------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|----|--|------|----|--|--|--|--|--|--|
| S..37<br>S..47<br>S..57 | Am63                  | 1    | 95  | 115 | 3.5 | 120 | 140 | M8  | 45  | 11   | 23   | 12.8 | 4  |  |      |    |  |  |  |  |  |  |
|                         | AM71 <sup>1)</sup>    |      | 110 | 130 |     |     | 160 |     | 92  | 14   | 30   | 16.3 | 5  |  |      |    |  |  |  |  |  |  |
|                         | Am80 <sup>1)</sup>    |      | 130 | 165 | 4.5 |     | 200 | M10 | 80  | 19   | 40   | 21.8 | 6  |  |      |    |  |  |  |  |  |  |
|                         | Am90 <sup>1)</sup>    |      |     |     |     |     |     |     | 24  | 50   | 27.3 | 8    |    |  |      |    |  |  |  |  |  |  |
| S..67                   | Am63                  | 1    | 95  | 115 | 3.5 | 160 | 140 | M8  | 45  | 11   | 23   | 12.8 | 4  |  |      |    |  |  |  |  |  |  |
|                         | AM71                  |      | 110 | 130 |     |     | 160 |     | 55  | 14   | 30   | 16.3 | 5  |  |      |    |  |  |  |  |  |  |
|                         | Am80                  |      | 130 | 165 | 4.5 |     | 200 | M10 | 80  | 19   | 40   | 21.8 | 6  |  |      |    |  |  |  |  |  |  |
|                         | Am90                  |      |     |     |     |     |     |     | 24  | 50   | 27.3 | 8    |    |  |      |    |  |  |  |  |  |  |
|                         | Am100 <sup>1)</sup>   |      | 180 | 215 | 5   |     | 250 | M12 | 100 | 28   | 60   | 31.3 | 8  |  |      |    |  |  |  |  |  |  |
|                         | AM112 <sup>1)</sup>   |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
| S..77                   | Am63                  | 1    | 95  | 115 | 3.5 | 200 | 140 | M8  | 45  | 11   | 23   | 12.8 | 4  |  |      |    |  |  |  |  |  |  |
|                         | AM71                  |      | 110 | 130 |     |     | 160 |     | 55  | 14   | 30   | 16.3 | 5  |  |      |    |  |  |  |  |  |  |
|                         | Am80                  |      | 130 | 165 | 4.5 |     | 200 | M10 | 80  | 19   | 40   | 21.8 | 6  |  |      |    |  |  |  |  |  |  |
|                         | Am90                  |      |     |     |     |     |     |     | 24  | 50   | 27.3 | 8    |    |  |      |    |  |  |  |  |  |  |
|                         | Am100 <sup>1)</sup>   |      | 180 | 215 | 5   |     | 250 | M12 | 100 | 28   | 60   | 31.3 | 8  |  |      |    |  |  |  |  |  |  |
|                         | AM112 <sup>1)</sup>   |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | AM132S <sup>1)</sup>  |      | 230 | 265 | 5   |     | 300 |     | 110 | 38   | 80   | 41.3 | 10 |  |      |    |  |  |  |  |  |  |
|                         | AM132M <sup>1)</sup>  |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | AM132ML <sup>1)</sup> |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
| S..87                   | Am80                  | 1    | 130 | 165 | 4.5 | 250 | 200 | M10 | 80  | 19   | 40   | 21.8 | 6  |  |      |    |  |  |  |  |  |  |
|                         | Am90                  |      |     |     |     |     | 250 | M12 | 100 | 24   | 50   | 27.3 | 8  |  |      |    |  |  |  |  |  |  |
|                         | Am100                 |      | 180 | 215 | 5   |     |     |     |     | 28   | 60   | 31.3 | 8  |  |      |    |  |  |  |  |  |  |
|                         | Am112                 |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | AM132MS               |      | 230 | 265 | 5   |     | 300 | M12 | 110 | 38   | 80   | 41.3 | 10 |  |      |    |  |  |  |  |  |  |
|                         | AM132M                |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | AM132ML               |      | 250 | 300 | 6   |     | 350 | M16 | 133 | 42   | 110  | 45.3 | 12 |  |      |    |  |  |  |  |  |  |
|                         | Am160 <sup>1)</sup>   |      |     |     |     |     |     |     | 48  | 51.8 |      | 14   |    |  |      |    |  |  |  |  |  |  |
|                         | Am180 <sup>1)</sup>   |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
| S..97                   | Am100                 | 1    | 180 | 215 | 5   | 300 | 250 | M12 | 100 | 28   | 60   | 31.3 | 8  |  |      |    |  |  |  |  |  |  |
|                         | AM112                 |      |     |     |     |     | 300 |     | 110 | 38   | 80   | 41.3 | 10 |  |      |    |  |  |  |  |  |  |
|                         | AM132S                |      | 230 | 265 | 5   |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | AM132M                |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | AM132ML               |      | 250 | 300 | 6   |     | 350 | M16 | 133 | 42   | 110  | 45.3 | 12 |  |      |    |  |  |  |  |  |  |
|                         | Am160                 |      |     |     |     |     |     |     | 48  | 51.8 |      | 14   |    |  |      |    |  |  |  |  |  |  |
|                         | Am180                 |      | 2   | 300 | 350 |     | 7   |     | 400 |      |      | 135  | 55 |  | 59.3 | 16 |  |  |  |  |  |  |
|                         | Am200 <sup>1)</sup>   |      |     |     |     |     |     |     |     |      |      |      |    |  |      |    |  |  |  |  |  |  |
|                         | Am225 <sup>1)</sup>   | 2    | 350 | 400 | 7   |     | 450 |     | 143 | 60   | 140  | 64.4 | 18 |  |      |    |  |  |  |  |  |  |

1) 如果安装在BS系列脚安装方式的减速机伞, 请检查尺寸G/2, 它可能已突出安装平面

Dimension G/2 May protrude past tooth mounting surface if mounted on BS foot-mounted gear unit, please check.

S..R..

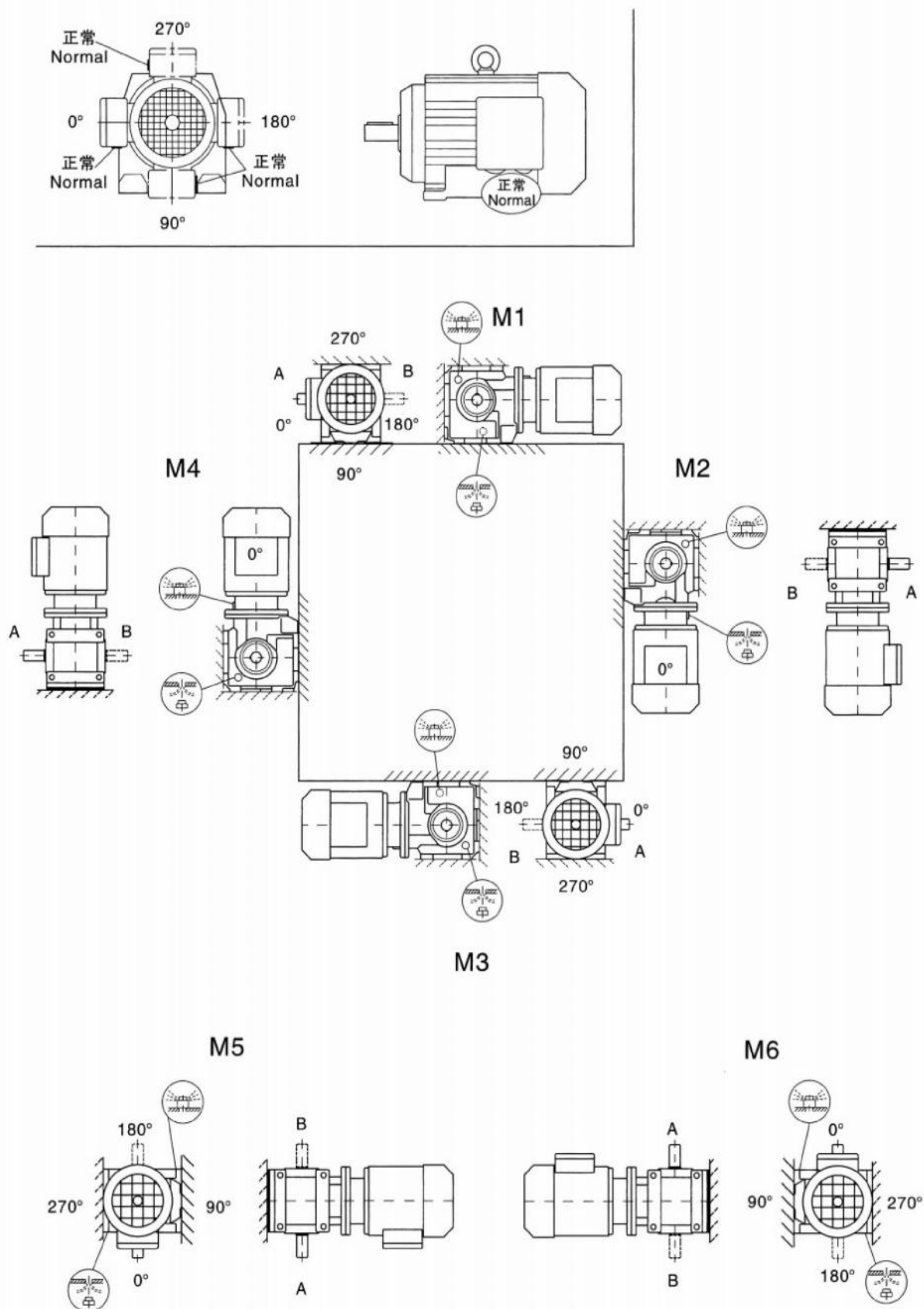


|                      |       | AC  | K   | KM  |
|----------------------|-------|-----|-----|-----|
| S..37R17             | D63.. | 138 | 368 | 193 |
|                      | D71D  | 158 | 369 | 194 |
|                      | D80.. | 168 | 419 | 244 |
| S..47R17<br>S..57R17 | D63.. | 138 | 368 | 193 |
|                      | D71D  | 158 | 369 | 194 |
|                      | D80.. | 168 | 419 | 244 |
| S..67R37             | D63.. | 138 | 386 | 221 |
|                      | D71D  | 158 | 404 | 239 |
|                      | D80.. | 168 | 436 | 271 |
|                      | D90.. | 195 | 479 | 314 |
| S..77R37             | D63.. | 138 | 378 | 221 |
|                      | D71D  | 158 | 396 | 239 |
|                      | D80.. | 168 | 428 | 271 |
|                      | D90.. | 195 | 411 | 314 |
| S..87R57             | D63.. | 138 | 432 | 216 |
|                      | D71D  | 158 | 450 | 234 |
|                      | D80.. | 168 | 481 | 265 |
|                      | D90.. | 195 | 525 | 309 |
|                      | D100M | 218 | 542 | 326 |
|                      | D100L | 218 | 542 | 326 |
| S..97R57             | D63.. | 138 | 427 | 216 |
|                      | D71D  | 158 | 445 | 234 |
|                      | D80.. | 168 | 476 | 265 |
|                      | D90.. | 195 | 520 | 309 |
|                      | D100M | 218 | 537 | 326 |
|                      | D100L | 218 | 537 | 326 |
|                      | D112M | 240 | 593 | 382 |

注：上表中电机尺寸为参考尺寸，因空间限制对电机尺寸有严格要求时请向我公司咨询。

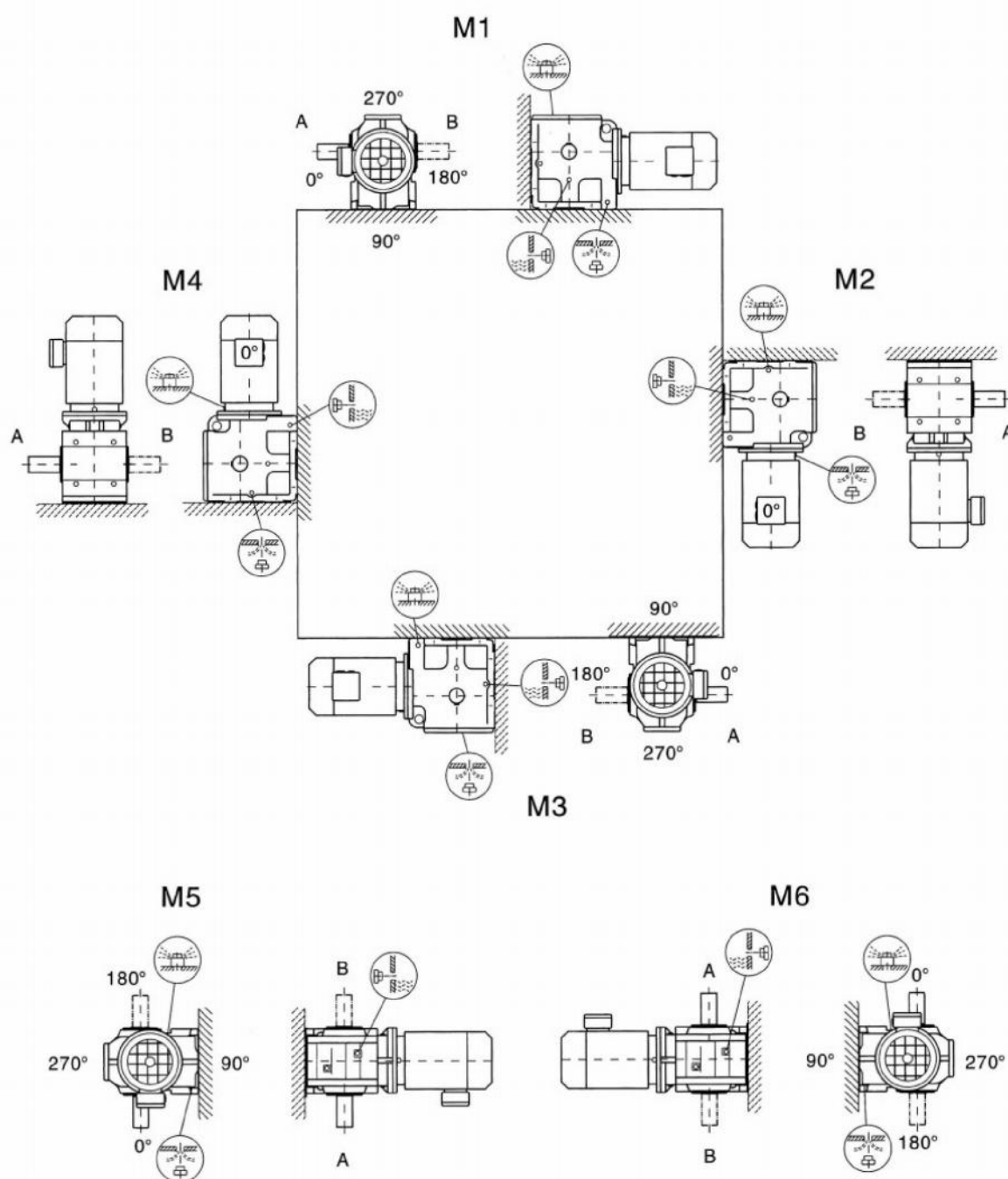
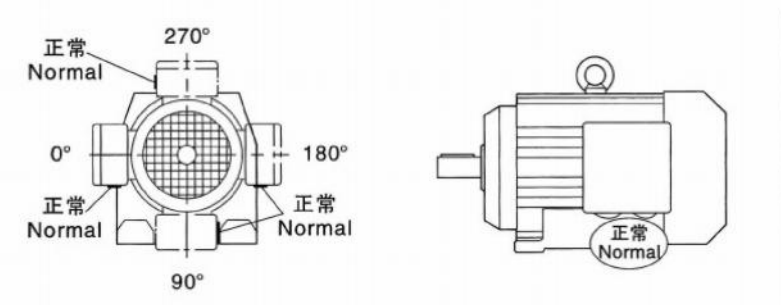
Notes: The dimension of motor in the above table is only for reference .If you have special require, please consult us.

# S37安装形式图 S37 Mounting position example

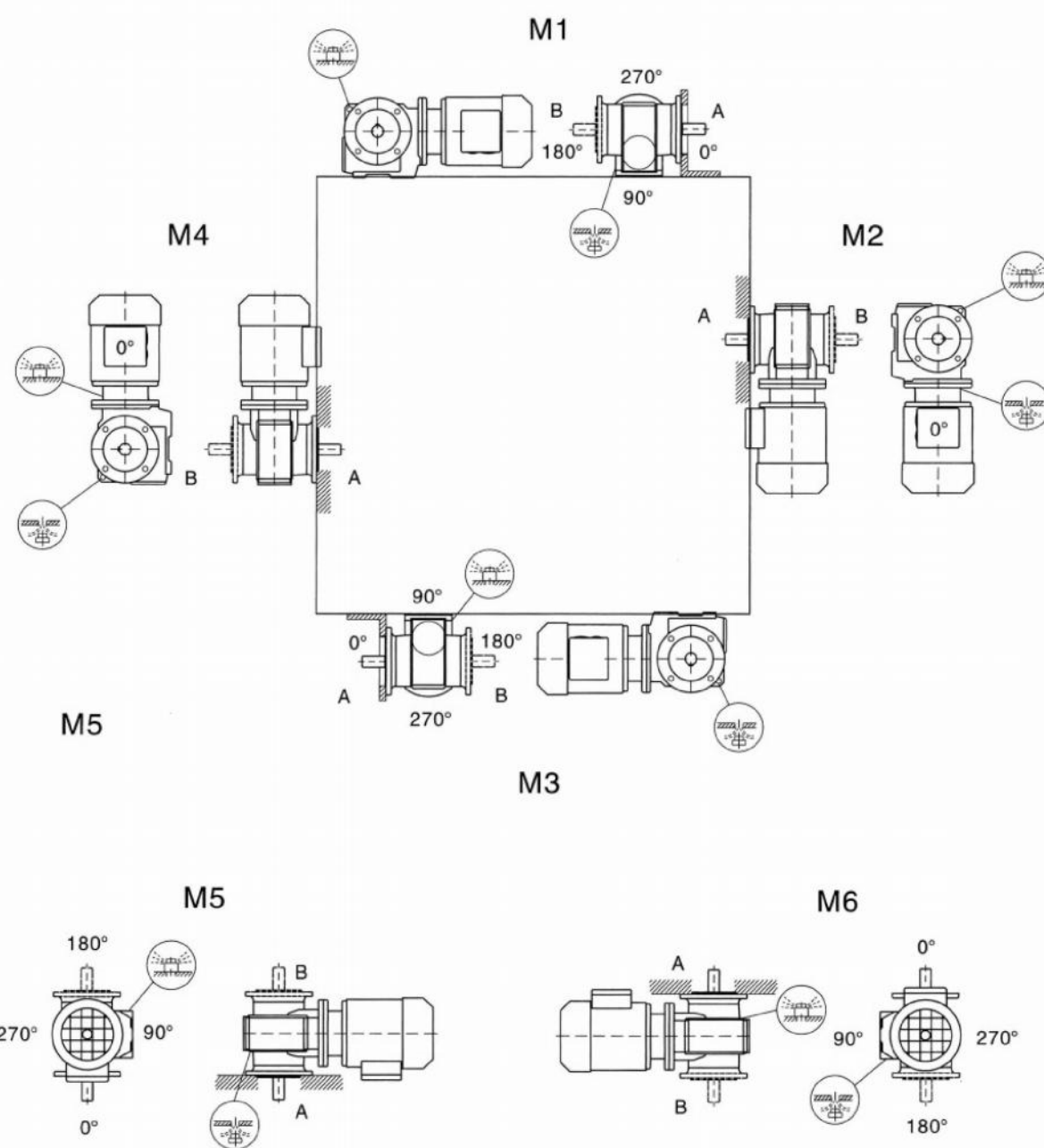
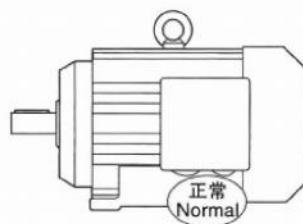
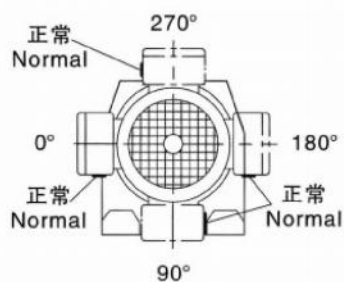




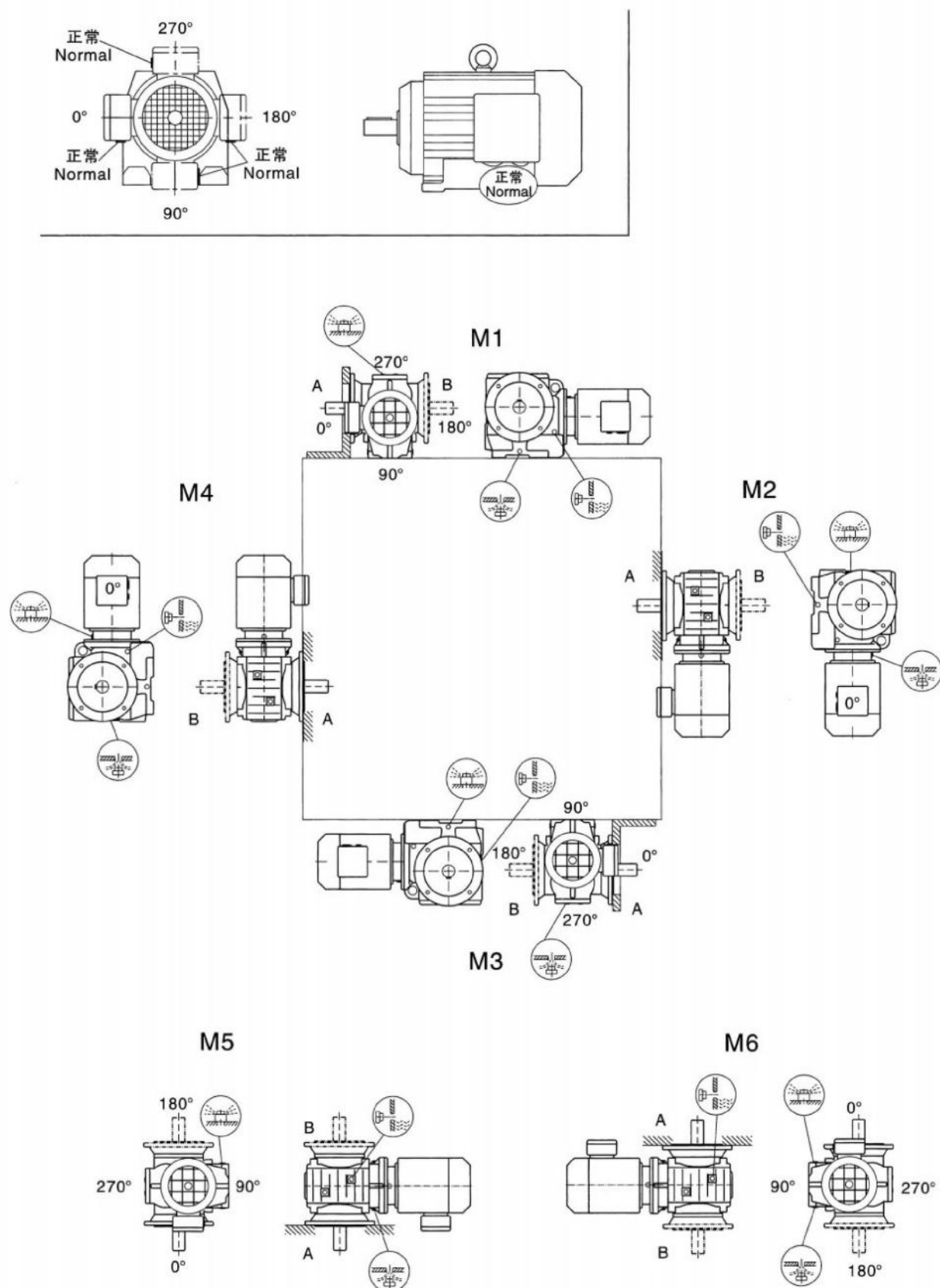
# S47-97安装形式图 S47-97 Mounting position example



# SF/SAF37安装形式图 SF/SAF37 Mounting position example

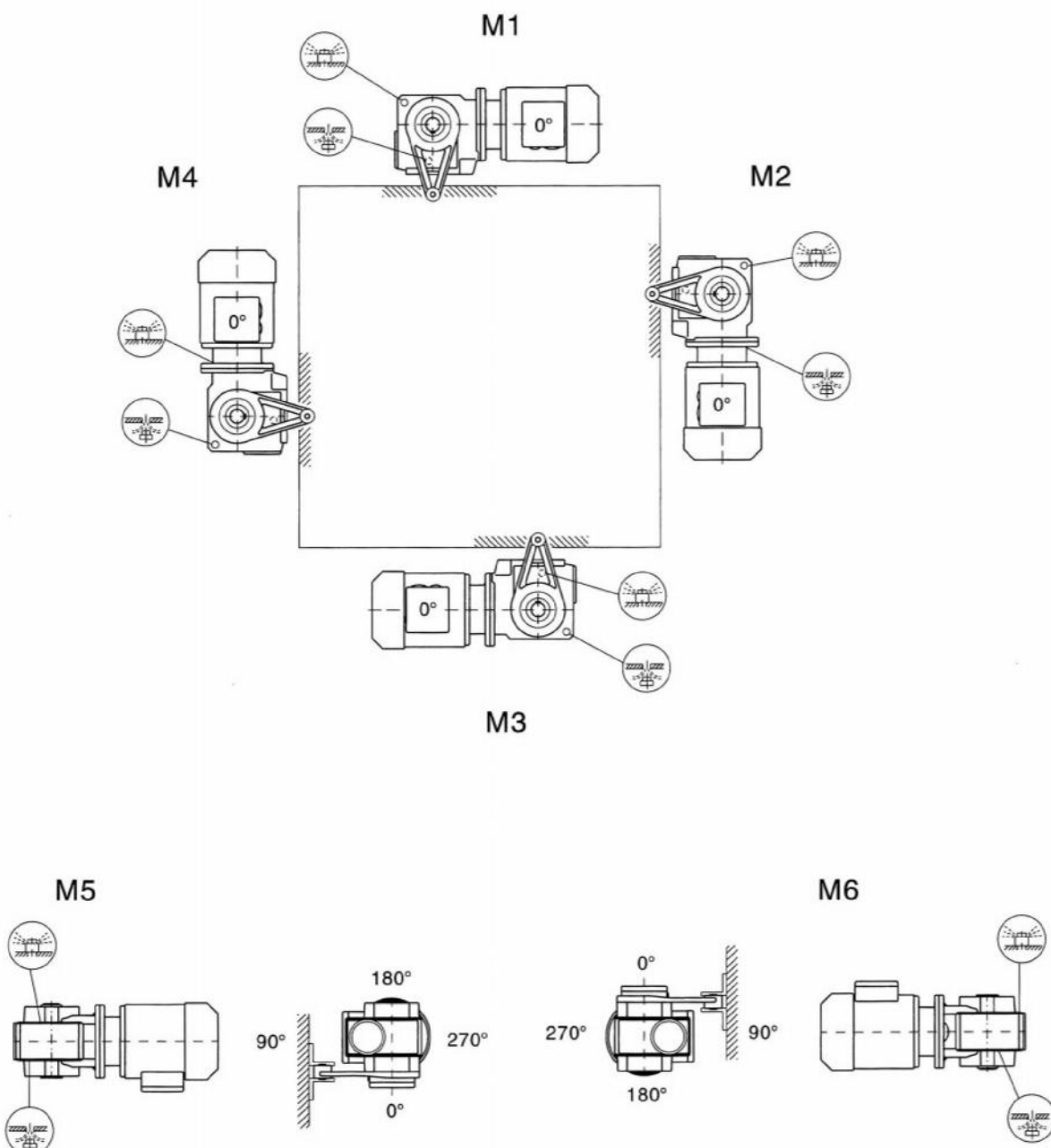
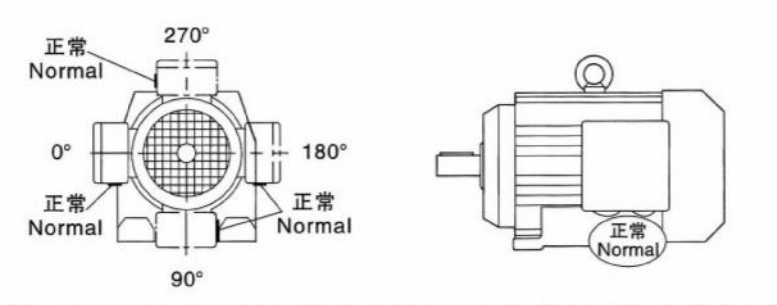


SF/SAF/SAZ47-97安装形式图 SF/SAF/SAZ47-97 Mounting position example

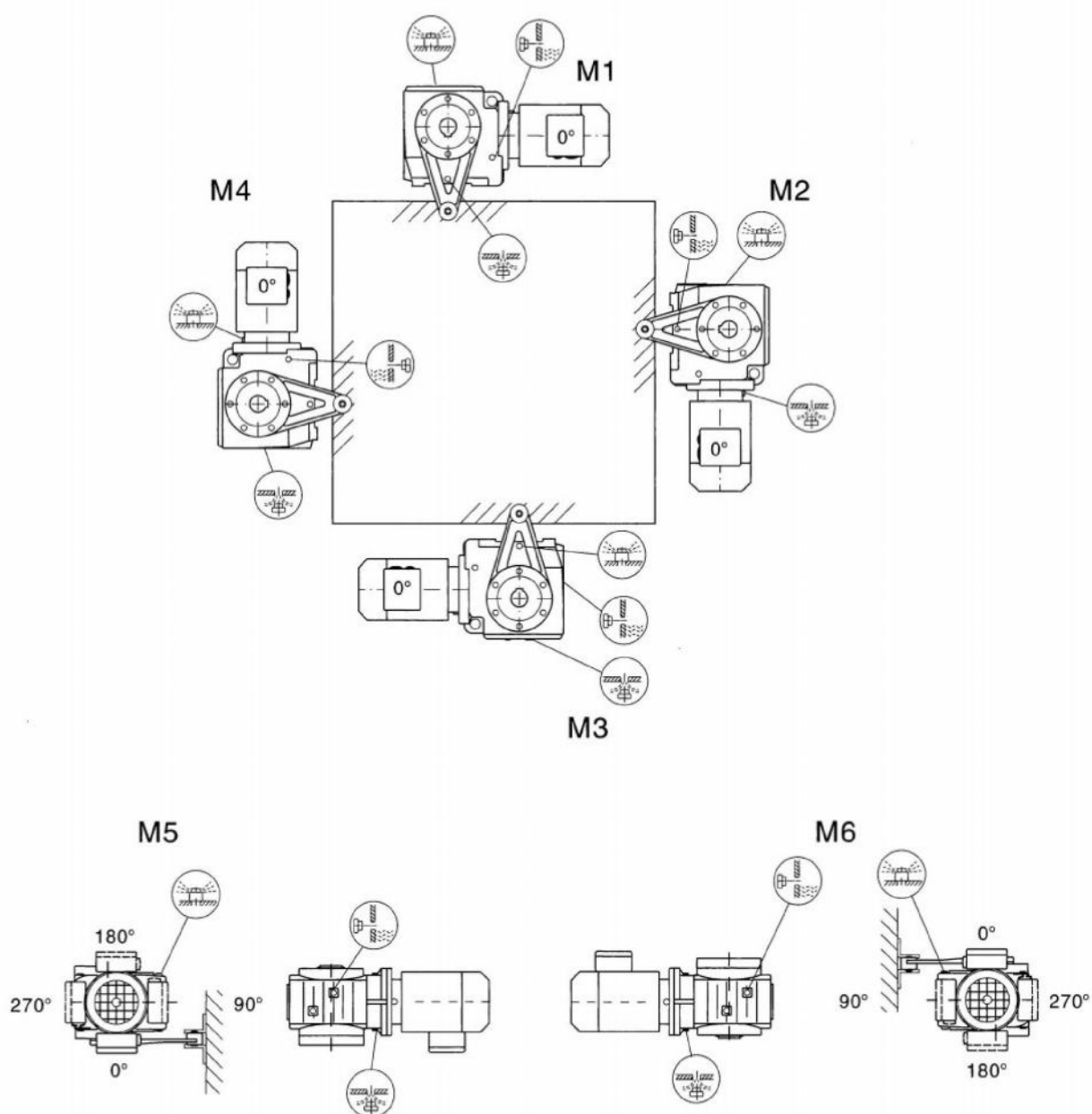
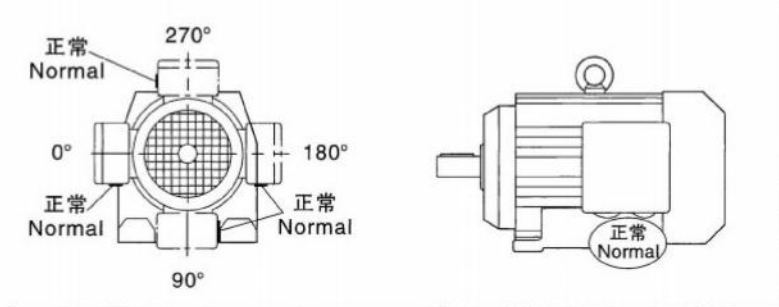




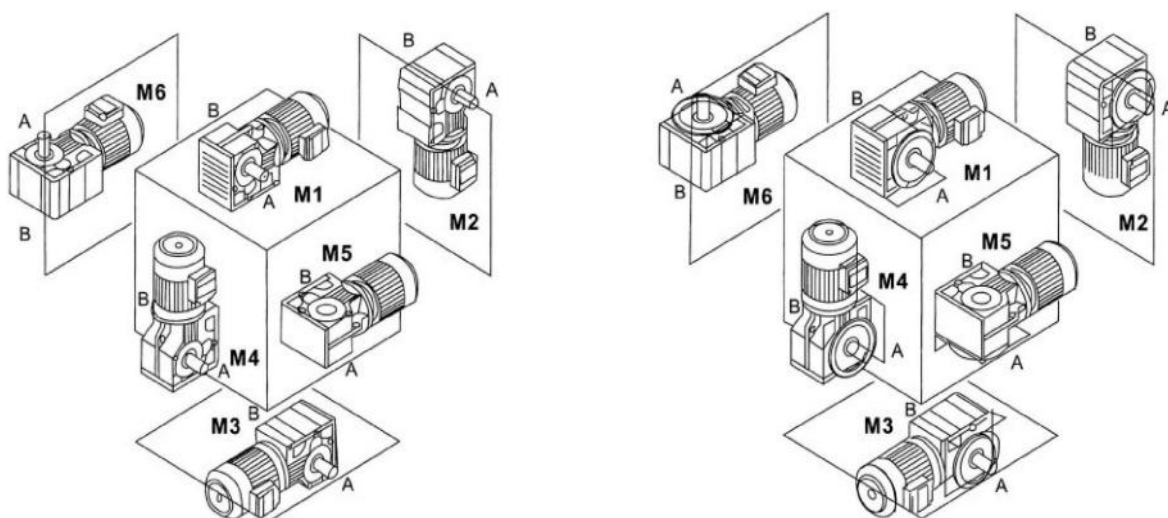
# SAT37安装形式图 SAT37 Mounting position example



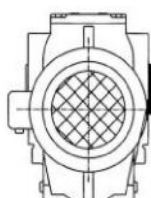
SAT47-97安装形式图 SAT47-97 Mounting position example



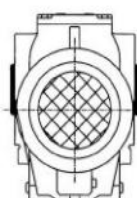
安装形式：  
Mounting position:



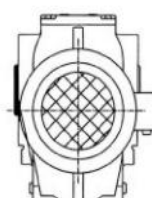
电机接线盒位置  
Position of the motor thermal box



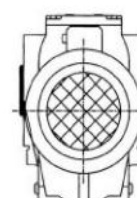
0°



90°



180°



270°

输入功率及许用转矩  
Input power rating and permissible torque

| 规格<br>Size                      | 37                  | 47           | 57           | 67           | 77          | 87           | 97           |
|---------------------------------|---------------------|--------------|--------------|--------------|-------------|--------------|--------------|
| 结构形式<br>Structure               | S SA SF SAF SAT SAZ |              |              |              |             |              |              |
| 输入功率(kw)<br>Input power rating  | 0.18~0.75           | 0.18~1.5     | 0.18~3       | 0.25~5.5     | 0.55~7.5    | 0.75~15      | 1.5~22       |
| 传动比<br>Ratio                    | 10.27~165.71        | 11.46~244.74 | 10.75~196.21 | 11.55~227.20 | 9.96~241.09 | 11.83~223.26 | 12.75~230.48 |
| 许用转矩(N.m)<br>Permissible torque | 90                  | 170          | 300          | 520          | 1270        | 2280         | 4000         |



**减速机重量****Gear unit weight**

| 规格<br>Size       | 37 | 47 | 57 | 67 | 77 | 87  | 97  |
|------------------|----|----|----|----|----|-----|-----|
| 重量(kg)<br>Weight | 7  | 10 | 14 | 26 | 50 | 100 | 170 |

所注重量为平均值，仅供参考

The weights are mean values, only for reference.

**润滑油量表****Lubrication table**

S...:

| 规格<br>Size | 润滑油量 (升)      Fill quantity in liters |     |                  |      |     |     |
|------------|---------------------------------------|-----|------------------|------|-----|-----|
|            | M1                                    | M2  | M3 <sup>1)</sup> | M4   | M5  | M6  |
| S37        | 0.25                                  | 0.4 | 0.5              | 0.6  | 0.4 | 0.4 |
| S47        | 0.35                                  | 0.8 | 0.7              | 1.1  | 0.8 | 0.8 |
| S57        | 0.5                                   | 1.2 | 1                | 1.5  | 1.3 | 1.3 |
| S67        | 1                                     | 2.0 | 2.2/3.1          | 3.2  | 2.6 | 2.6 |
| S77        | 1.9                                   | 4.2 | 3.7/5.4          | 6    | 4.4 | 4.4 |
| S87        | 3.3                                   | 8.1 | 6.9/10.4         | 12   | 8.4 | 8.4 |
| S97        | 6.8                                   | 15  | 13.4/18          | 22.5 | 17  | 17  |

SF...:

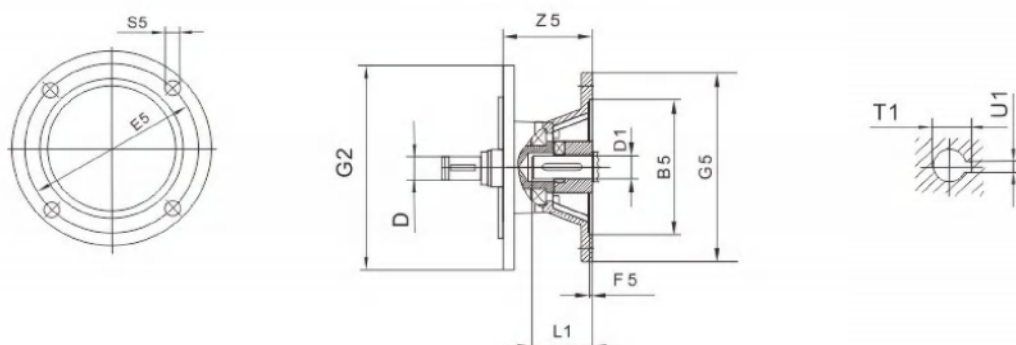
| 规格<br>Size | 润滑油量 (升)      Fill quantity in liters |     |                  |      |     |     |
|------------|---------------------------------------|-----|------------------|------|-----|-----|
|            | M1                                    | M2  | M3 <sup>1)</sup> | M4   | M5  | M6  |
| SF37       | 0.25                                  | 0.4 | 0.5              | 0.6  | 0.4 | 0.4 |
| SF47       | 0.4                                   | 0.9 | 0.9              | 1.2  | 1.0 | 1.0 |
| SF57       | 0.5                                   | 1.2 | 1                | 1.6  | 1.4 | 1.4 |
| SF67       | 1                                     | 2.2 | 2.3/3            | 3.2  | 2.7 | 2.7 |
| SF77       | 1.9                                   | 4.1 | 3.9/5.8          | 6.5  | 4.9 | 4.9 |
| SF87       | 3.8                                   | 8   | 7.1/10.1         | 12   | 9.1 | 9.1 |
| SF97       | 7.4                                   | 15  | 13.8/18.8        | 23.6 | 18  | 18  |

SA..., SAF..., SAZ...:

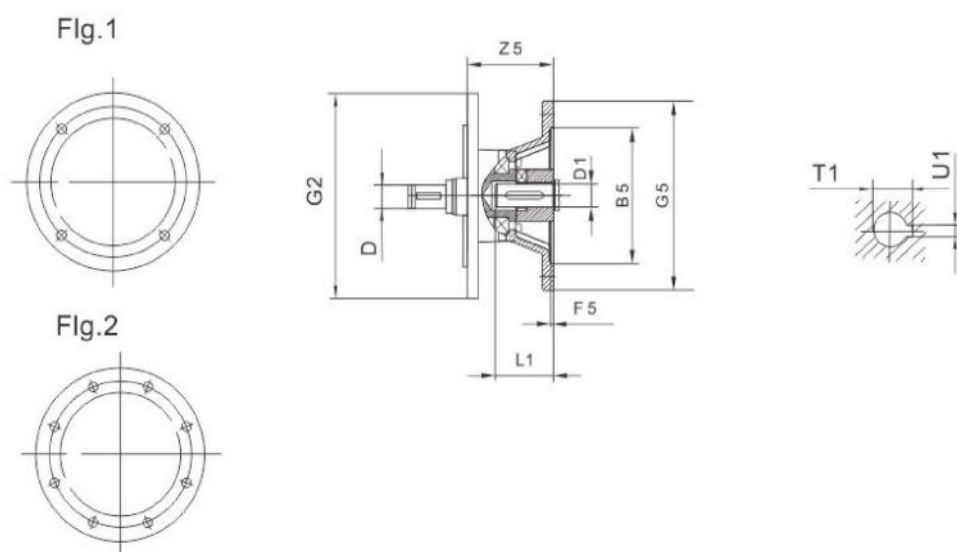
| 规格<br>Size | 润滑油量 (升)      Fill quantity in liters |     |                  |      |      |      |
|------------|---------------------------------------|-----|------------------|------|------|------|
|            | M1                                    | M2  | M3 <sup>1)</sup> | M4   | M5   | M6   |
| S..37      | 0.25                                  | 0.4 | 0.5              | 0.6  | 0.4  | 0.4  |
| S..47      | 0.4                                   | 0.8 | 0.7              | 1.1  | 0.8  | 0.8  |
| S..57      | 0.5                                   | 1.1 | 1                | 1.6  | 1.2  | 1.2  |
| S..67      | 1                                     | 2.0 | 1.8/2.6          | 2.9  | 2.5  | 2.5  |
| S..77      | 1.8                                   | 3.9 | 3.6/5            | 5.9  | 4.5  | 4.5  |
| S..87      | 3.8                                   | 7.4 | 6/8.7            | 11.2 | 8    | 8    |
| S..97      | 7                                     | 14  | 11.4/16          | 21   | 15.7 | 15.7 |

注：<sup>1)</sup>表示减速机为组合型时低速级所加油量为大值。Notes: <sup>1)</sup> The large gear unit of multi-stage gear units must be filled with the larger oil volume.

# 用于安装IEC标准电机的联轴器 Coupling for mounting of IEC motors



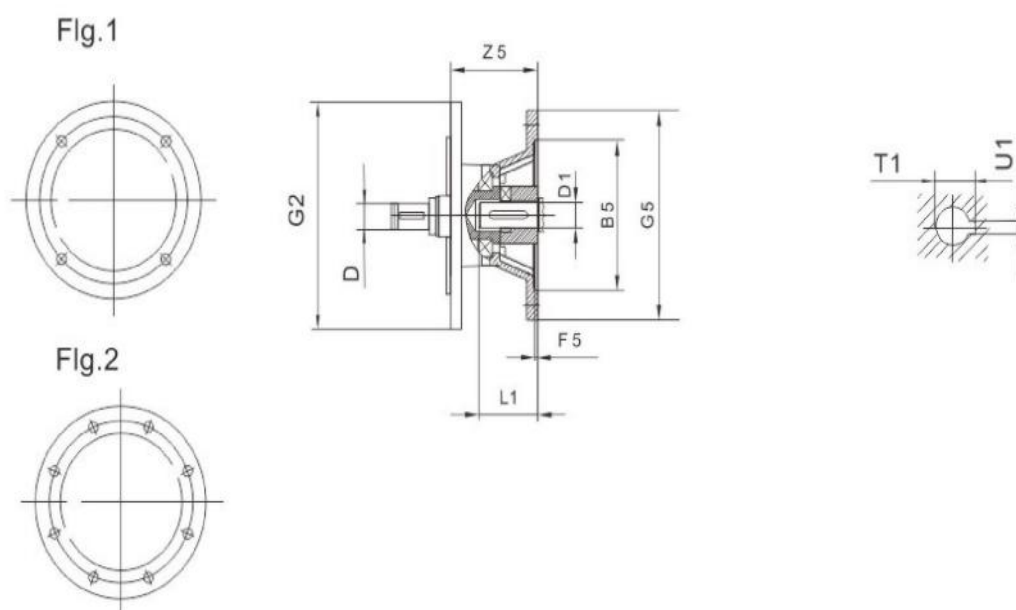
| 减速机规格<br>Gear unit type                                                   | 联轴器规格<br>Coupling type                       | B5    | D    | E5  | F5  | G2  | G5  | S5   | Z5   | D1   | L1   | T1   | U1   |
|---------------------------------------------------------------------------|----------------------------------------------|-------|------|-----|-----|-----|-----|------|------|------|------|------|------|
| R..27, R..37<br>F..37, F..47<br>K..37<br>S..37, S..47,<br>S..57           | AM63                                         | 95G7  | 10n6 | 115 | 3.5 | 120 | 140 | M8   | 72   | 11F7 | 23   | 12.8 | 4    |
|                                                                           | AM71 <sup>1)</sup>                           | 110G7 |      | 130 |     |     | 160 |      | 92.5 | 14F7 | 30   | 16.3 | 5    |
|                                                                           | AM80 <sup>1)</sup>                           | 130G7 | 12n6 | 165 | 4.5 |     | 200 | M10  | 118  | 19F7 | 40   | 21.8 | 6    |
|                                                                           | AM90 <sup>1)</sup>                           |       | 14n6 |     |     |     |     |      | 24F7 | 50   | 27.3 | 8    |      |
| R..47, R..57,<br>R..67<br>F..57, F..67<br>K..47, K..57,<br>K..67<br>S..67 | AM63                                         | 95G7  | 10n6 | 115 | 3.5 | 160 | 140 | M8   | 66   | 11F7 | 23   | 12.8 | 4    |
|                                                                           | AM71                                         | 110G7 |      | 130 |     |     | 160 |      | 87   | 14F7 | 30   | 16.3 | 5    |
|                                                                           | AM80                                         | 130G7 | 12n6 | 165 | 4.5 |     | 200 | M10  | 113  | 19F7 | 40   | 21.8 | 6    |
|                                                                           | AM90                                         |       | 14n6 |     |     |     |     |      | 24F7 | 50   | 27.3 | 8    |      |
|                                                                           | AM100 <sup>1)</sup>                          | 180G7 | 16n6 | 215 | 5   |     | 250 | M12  | 144  | 28H7 | 60   | 31.3 | 8    |
|                                                                           | AM112 <sup>1)</sup>                          |       | 18n6 |     |     |     |     |      | 177  | 38H7 | 80   | 41.3 | 10   |
|                                                                           | AM132 <sup>1)</sup>                          | 230G7 | 22n6 | 265 | 300 |     | 177 | 38H7 | 80   | 41.3 | 10   |      |      |
| R..77<br>F..77<br>K..77<br>S..77                                          | AM63                                         | 95G7  | 10n6 | 115 | 3.5 | 200 | 140 | M8   | 60   | 11F7 | 23   | 12.8 | 4    |
|                                                                           | AM71                                         | 110G7 |      | 130 |     |     | 160 |      |      | 14F7 | 30   | 16.3 | 5    |
|                                                                           | AM80                                         | 130G7 | 12n6 | 165 | 4.5 |     | 200 | M10  | 92   | 19F7 | 40   | 21.8 | 6    |
|                                                                           | AM90                                         |       | 14n6 |     |     |     |     |      | 24F7 | 50   | 27.3 | 8    |      |
|                                                                           | AM100 <sup>1)</sup>                          | 180G7 | 16n6 | 215 | 5   |     | 250 | M12  | 136  | 28H7 | 60   | 31.3 | 8    |
|                                                                           | AM112 <sup>1)</sup>                          |       | 18n6 |     |     |     |     |      | 196  | 38H7 | 80   | 41.3 | 10   |
|                                                                           | AM132S <sup>1)</sup><br>AM132M <sup>1)</sup> | 230G7 | 22n6 | 265 | 5   |     | 300 | M12  | 196  | 38H7 | 80   | 41.3 | 10   |
|                                                                           | AM132ML <sup>1)</sup>                        |       | 28n6 |     |     |     |     |      |      | 38H7 | 80   | 41.3 | 10   |
| R..87<br>F..87<br>K..87<br>S..87                                          | AM80                                         | 130G7 | 12n6 | 165 | 4.5 | 250 | 200 | M10  | 100  | 19F7 | 40   | 21.8 | 6    |
|                                                                           | AM90                                         |       | 14n6 |     |     |     |     |      |      | 24F7 | 50   | 27.3 | 8    |
|                                                                           | AM100                                        | 180G7 | 16n6 | 215 | 5   |     | 250 | M12  | 131  | 28H7 | 60   | 31.3 | 8    |
|                                                                           | AM112                                        |       | 18n6 |     |     |     |     |      |      | 191  | 38H7 | 80   | 41.3 |
|                                                                           | AM132S<br>AM132M                             | 230G7 | 22n6 | 265 | 5   |     | 300 | M12  | 191  | 38H7 | 80   | 41.3 | 10   |
|                                                                           | AM132ML                                      |       | 28n6 |     |     |     |     |      |      | 42H7 | 110  | 45.3 | 12   |
|                                                                           | AM160 <sup>1)</sup>                          | 250G7 | 28n6 | 300 | 6   |     | 350 | M16  | 236  | 48H7 |      | 51.8 | 14   |
|                                                                           | AM180 <sup>1)</sup>                          |       | 32n6 |     |     |     |     |      |      |      |      |      |      |



| 减速机规格<br>Gear unit type          | 联接盘规格<br>Motor adcopator | Fig | B5     | D      | E5  | F5 | G2  | G5  | S5  | Z5   | D1   | L1   | T1   | U1   |     |
|----------------------------------|--------------------------|-----|--------|--------|-----|----|-----|-----|-----|------|------|------|------|------|-----|
| R..97<br>F..97<br>K..97<br>S..97 | AM100                    | 1   | 180 G7 | 16n6   | 215 | 5  | 300 | 250 | M12 | 116  | 28H7 | 60   | 31.3 | 8    |     |
|                                  | AM112                    |     |        | 18n6   |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM132S                   |     | 230 G7 | 22n6   | 265 |    |     | 300 | M12 | 169  | 38H7 | 80   | 41.3 | 10   |     |
|                                  | AM132M                   |     |        |        |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM132ML                  |     |        | 28n6   |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM160                    |     | 250 G7 | 28n6   | 300 |    |     | 6   | 350 | M16  | 227  | 42H7 | 110  | 45.3 | 12  |
|                                  | AM180                    |     |        | 32n6   |     |    |     |     |     |      |      | 48H7 |      | 51.8 | 14  |
|                                  | AM200                    |     |        | 300 G7 |     |    |     |     |     |      | 38n6 | 350  |      | 7    | 400 |
|                                  | AM225 <sup>1)</sup>      | 2   | 350 G7 | 38n6   | 400 | 6  |     | 450 | 283 |      | 60H7 | 140  | 64.4 | 18   |     |
| R..107<br>F..107<br>K..107       | AM100                    | 1   | 180 G7 | 16n6   | 215 | 5  | 350 | 250 | M12 |      | 110  | 28H7 | 60   | 31.3 | 8   |
|                                  | AM112                    |     |        | 18n6   |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM132S                   |     | 230 G7 | 22n6   | 265 |    |     | 300 | M12 |      | 163  | 38H7 | 80   | 41.3 | 10  |
|                                  | AM132M                   |     |        |        |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM132ML                  |     |        | 28n6   |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM160                    |     | 250 G7 | 28n6   | 300 |    |     | 6   | 350 | M16  | 221  | 42H7 | 110  | 45.3 | 12  |
|                                  | AM180                    |     |        | 32n6   |     |    |     |     |     |      |      | 48H7 |      | 51.8 | 14  |
|                                  | AM200                    |     |        | 300 G7 |     |    |     |     |     |      | 38n6 | 350  |      | 7    | 400 |
|                                  | AM225                    | 2   | 350 G7 | 38n6   | 400 | 6  |     | 450 | 277 |      | 60H7 | 140  | 64.4 | 18   |     |
| R..137                           | AM132S                   | 1   | 230 G7 | 22n6   | 265 | 5  | 400 | 300 | M12 |      | 156  | 38H7 | 80   | 41.3 | 10  |
|                                  | AM132M                   |     |        |        |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM132ML                  |     |        | 28n6   |     |    |     |     |     |      |      |      |      |      |     |
|                                  | AM160                    |     | 250 G7 | 28n6   | 300 | 6  |     | 350 | M16 |      | 214  | 42H7 | 110  | 45.3 | 12  |
|                                  | AM180                    |     |        | 32n6   |     |    |     |     |     | 48H7 |      | 51.8 |      | 14   |     |
|                                  | AM200                    |     |        | 300 G7 |     |    |     |     |     | 38n6 |      | 350  |      | 7    | 400 |
|                                  | AM225                    | 2   | 350 G7 | 38n6   | 400 | 6  |     | 450 |     | 270  | 60H7 | 140  | 64.4 | 18   |     |

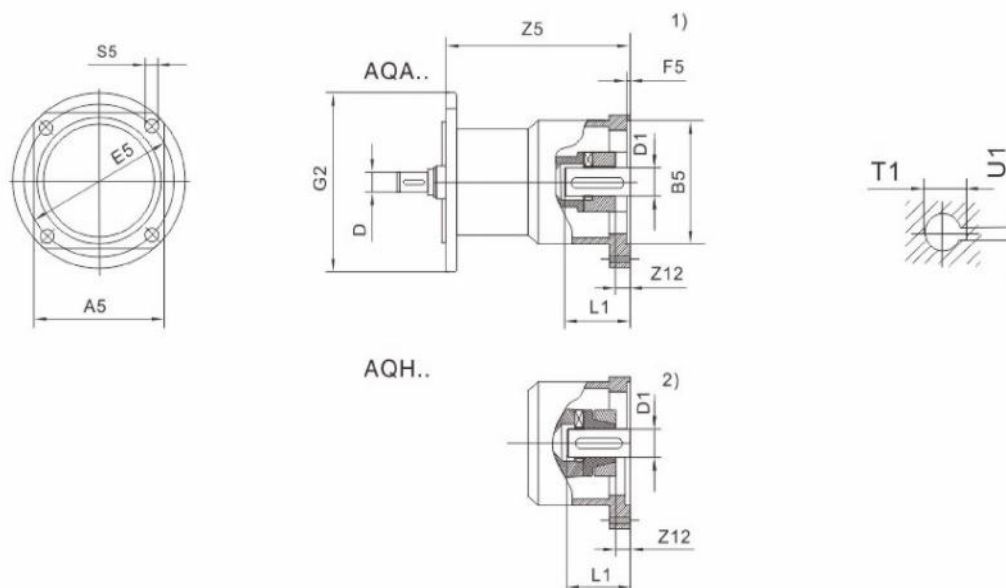
如果安装在R、K和S系列地脚安装方式的减速机上，请检查尺寸G5/2，它可能已经突出安装平面。  
Dimension 1/2 G5 may protrude past foot mounting surface if mounted on R.K or S foot-mounted gear unit, Please check.





| 减速机规格<br>Gear unit type                        | 联接盘规格<br>Motor<br>adcopator | Fig.  | B5    | D     | E5  | F5  | G2  | G5   | S5   | Z5   | D1   | L1   | T1   | U1   |      |
|------------------------------------------------|-----------------------------|-------|-------|-------|-----|-----|-----|------|------|------|------|------|------|------|------|
| R..147<br>F..127<br>K..127                     | AM132S                      | 1     | 230G7 | 22n6  | 265 | 5   | 450 | 300  | M12  | 148  | 38H7 | 80   | 41.3 | 10   |      |
|                                                | AM132M                      |       |       | 28n6  |     |     |     |      |      |      |      |      |      |      |      |
|                                                | AM132ML                     |       | 250G7 | 28n6  | 300 | 6   |     | 350  | M16  | 206  | 42H7 | 110  | 45.3 | 12   |      |
|                                                | AM160                       |       |       | 32n6  |     |     |     |      |      |      | 48H7 |      | 51.8 | 14   |      |
|                                                | AM180                       | 300G7 | 38n6  | 350   | 7   | 400 |     | 247  |      | 55F7 | 140  | 59.3 | 16   |      |      |
|                                                | AM200                       |       | 350G7 | 38n6  |     |     |     |      |      | 400  |      | 450  | 262  | 60H7 | 64.4 |
|                                                | AM225                       |       | 450G7 | 38n6  |     | 400 |     | 550  |      | 336  | 65H7 |      |      | 69.4 | 20   |
|                                                | AM250                       |       |       | 48n6  |     | 500 |     |      |      |      | 75H7 | 79.9 |      |      |      |
| R..167<br>F..157<br>K..157<br>K..167<br>K..187 | AM160                       | 1     | 250G7 | 28n6  | 300 | 6   | 550 | 350  |      | M16  | 198  | 42H7 | 110  | 45.3 | 12   |
|                                                | AM180                       |       |       | 32n6  |     |     |     |      |      |      |      | 48H7 |      | 51.8 | 14   |
|                                                | AM200                       |       |       | 300G7 |     |     |     |      | 38n6 |      |      | 350  |      | 7    | 400  |
|                                                | AM225                       | 350G7 | 38n6  | 400   | 450 | 254 |     | 60H7 | 64.4 |      | 18   |      |      |      |      |
|                                                | AM250                       | 2     | 450G7 | 48n6  |     |     |     | 500  | 328  |      |      | 65H7 | 69.4 |      |      |
|                                                | AM280                       |       |       |       |     |     |     |      |      |      |      | 75H7 | 79.9 |      |      |

## 用于安装伺服电机的联接盘 Adapter for mounting of servomotors



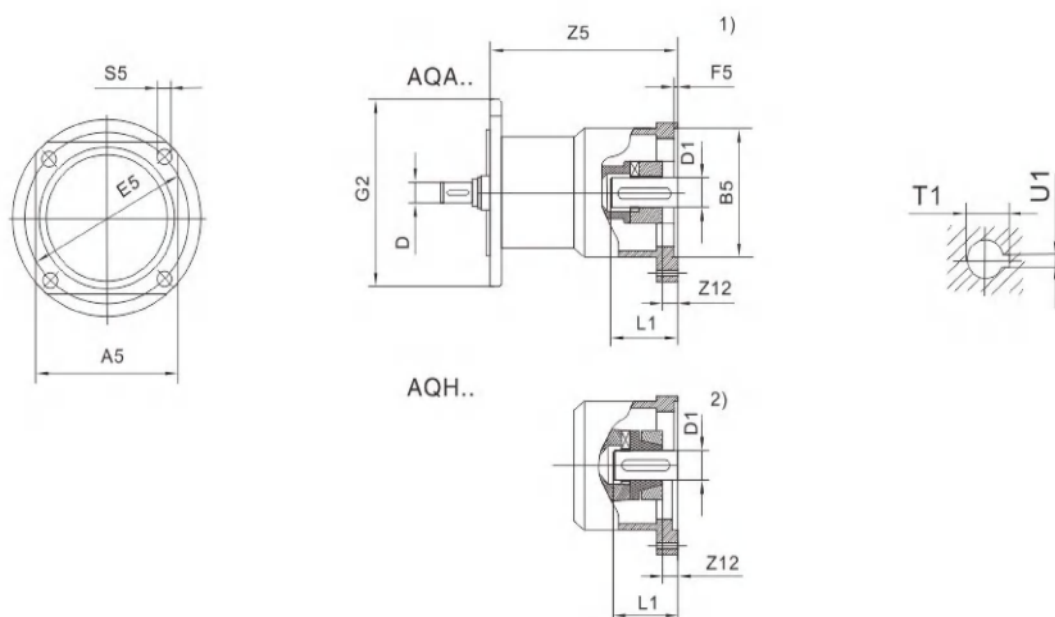
| 减速机规格<br>Gear unit type                                                       | 联接盘规格<br>Motor adcopator | A5  | B5    | D    | E5   | F5    | G2  | S5    | Z5    | Z12 <sup>1)</sup> | Z12 <sup>2)</sup> | D1    | L1   | T1 <sup>1)</sup> | U1 <sup>1)</sup> |
|-------------------------------------------------------------------------------|--------------------------|-----|-------|------|------|-------|-----|-------|-------|-------------------|-------------------|-------|------|------------------|------------------|
| R..27<br>R..37<br>F..37<br>F..47<br>K..37<br>S..37<br>S..47<br>S..57          | AQ..80/1                 | 82  | 60G7  | 10n6 | 75   | 3     | 120 | M5    | 104.5 | 5.5               | 5.5               | 11F7  | 23   | 12.8             | 4                |
|                                                                               | AQ..80/2                 |     | 12n6  | 95   | 14F7 |       |     | 30    |       |                   |                   | 16.3  | 5    |                  |                  |
|                                                                               | AQ..80/3                 |     |       |      |      |       |     |       |       |                   |                   |       |      | M6               |                  |
|                                                                               | AQ..100/1                | 100 | 80G7  | 10n6 |      | 100   |     |       | M6    | 129.5             | -                 |       |      | -                | 14F7             |
|                                                                               | AQ..100/2                |     | 95G7  |      | 115  | M8    |     |       |       |                   |                   |       |      |                  |                  |
|                                                                               | AQ..100/3                |     | 80G7  |      | 100  | 143.5 |     | 7     | 14    | 19F7              | 40                | 21.8  | 6    |                  |                  |
|                                                                               | AQ..100/4                |     | 95G7  |      | 115  |       |     |       |       | M8                |                   |       |      |                  |                  |
|                                                                               | AQ..115/1                | 115 | 95G7  | 14n6 | 130  | M8    |     | 152.5 | 16    | 23                | 19F7              | 40    | 21.8 | 6                |                  |
|                                                                               | AQ..115/2                |     | 16n6  | 24F7 |      |       |     |       | 50    | 27.3              | 8                 |       |      |                  |                  |
|                                                                               | AQ..115/3                |     |       |      |      |       |     |       |       |                   |                   | 110G7 |      |                  |                  |
| R..47<br>R..57<br>R..67<br>F..57<br>F..67<br>K..47<br>K..57<br>K..67<br>S..67 | AQ..80/1                 | 82  | 60G7  | 10n6 | 75   | 3     | 160 | M5    | 98    | 5.5               | 5.5               | 11F7  | 23   | 12.8             | 4                |
|                                                                               | AQ..80/2                 |     | 12n6  | 95   | 14F7 |       |     | 30    |       |                   |                   | 16.3  | 5    |                  |                  |
|                                                                               | AQ..80/3                 |     |       |      |      |       |     |       |       |                   |                   |       |      | M6               |                  |
|                                                                               | AQ..100/1                | 100 | 80G7  | 10n6 |      | 100   |     |       | M6    | 122.5             | -                 |       |      | -                | 14F7             |
|                                                                               | AQ..100/2                |     | 95G7  |      | 115  | M8    |     |       |       |                   |                   |       |      |                  |                  |
|                                                                               | AQ..100/3                |     | 80G7  |      | 100  | 136.5 |     | 7     | 14    | 19F7              | 40                | 21.8  | 6    |                  |                  |
|                                                                               | AQ..100/4                |     | 95G7  |      | 115  |       |     |       |       | M8                |                   |       |      |                  |                  |
|                                                                               | AQ..115/1                | 115 | 95G7  | 14n6 | 130  | M8    |     | 145.5 | 16    | 23                | 19F7              | 40    | 21.8 | 6                |                  |
|                                                                               | AQ..115/2                |     | 16n6  | 24F7 |      |       |     |       | 50    | 27.3              | 8                 |       |      |                  |                  |
|                                                                               | AQ..115/3                |     |       |      |      |       |     |       |       |                   |                   | 110G7 |      |                  |                  |
|                                                                               | AQ..140/1                | 140 | 110G7 | 16n6 | 165  | 5     |     | M10   | 175   | 21                | 16                | 24F7  | 50   | 27.3             | 8                |
|                                                                               | AQ..140/2                |     | 130G7 | 18n6 |      |       |     |       |       |                   |                   |       |      |                  |                  |
|                                                                               | AQ..140/3                |     |       | 22n6 |      |       |     |       |       |                   |                   | 32F7  | 60   | 35.5             | 10               |

1)适用于键连接(AQA..)

1)Applies to type with key way(AQA)

2)适用于锁紧套连接(AQH..)

2)Applies to type with clamping ring hub (AQH)



| 减速器规格<br>Gear unit type          | 联接盘规格<br>Motor adcopator | A5  | B5    | D            | E5  | F5 | G2  | S5  | Z5    | Z12 <sup>1)</sup> | Z12 <sup>2)</sup> | D1    | L1 | T1 <sup>1)</sup> | U1 <sup>1)</sup> |      |      |    |
|----------------------------------|--------------------------|-----|-------|--------------|-----|----|-----|-----|-------|-------------------|-------------------|-------|----|------------------|------------------|------|------|----|
| R..77<br>F..77<br>K..77<br>S..77 | AQ..80/1                 | 82  | 60G7  | 10n6         | 75  | 3  | 200 | M5  | 92    | 5.5               | 5.5               | 11F7  | 23 | 12.8             | 4                |      |      |    |
|                                  | AQ..80/2                 |     | 50G7  | 12n6         | 75  |    |     | M6  |       |                   |                   | 14F7  | 30 | 16.3             | 5                |      |      |    |
|                                  | AQ..80/3                 |     |       | 95           |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..100/1                | 100 | 80G7  | 10n6<br>12n6 | 100 | 4  |     | M6  | 115.5 | -                 | -                 | 14F7  | 30 | 16.3             | 5                |      |      |    |
|                                  | AQ..100/2                |     | 95G7  |              | 115 |    |     | M8  |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..100/3                |     | 80G7  |              | 100 |    |     | M6  | 129.5 | 7                 | 14                | 19F7  | 40 | 21.8             | 6                |      |      |    |
|                                  | AQ..100/4                |     | 95G7  |              | 115 |    |     | M8  |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..115/1                | 115 | 95G7  | 14n6         | 130 | 5  |     | M8  | 138.5 | 16                | 23                | 19F7  | 40 | 21.8             | 6                |      |      |    |
|                                  | AQ..115/2                |     | 110G7 | 16n6         |     |    |     |     |       | 21                | 16                | 24F7  | 50 | 27.3             | 8                |      |      |    |
|                                  | AQ..115/3                |     |       |              |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..140/1                | 140 | 110G7 | 16n6         | 165 | 5  |     | M10 | 167   | 21                | 16                | 24F7  | 50 | 27.3             | 8                |      |      |    |
|                                  | AQ..140/2                |     | 130G7 | 18n6         |     |    |     |     |       |                   |                   | 180   | 24 | 22               | 32F7             | 60   | 35.3 | 10 |
|                                  | AQ..140/3                |     |       | 22n6         |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..190/1                | 190 | 130G7 | 22n6         | 215 | 5  |     | M12 | 225.5 | 26                | 24                | 32F7  | 60 | 35.3             | 10               |      |      |    |
| AQ..190/2                        | 180G7                    |     | 28n6  | 249.5        |     |    |     |     |       |                   |                   | 39    | 34 | 38F7             | 80               | 41.3 | 10   |    |
| AQ..190/3                        |                          |     |       |              |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |
| R..87<br>F..87<br>K..87<br>S..87 | AQ..100/1                | 100 | 80G7  | 12n6         | 100 | 4  | 250 | M6  | 110.5 | -                 | -                 | 14F7  | 30 | 16.3             | 5                |      |      |    |
|                                  | AQ..100/2                |     | 95G7  |              | 115 |    |     | M8  |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..100/3                |     | 80G7  |              | 100 |    |     | M6  |       |                   |                   | 124.5 | 7  | 14               | 19F7             | 40   | 21.8 | 6  |
|                                  | AQ..100/4                |     | 95G7  |              | 115 |    |     | M8  |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..115/1                | 115 | 95G7  | 16n6         | 130 | 5  |     | M8  | 133.5 | 16                | 23                | 19F7  | 40 | 21.8             | 6                |      |      |    |
|                                  | AQ..115/2                |     | 110G7 |              |     |    |     |     |       | 21                | 16                | 24F7  | 50 | 27.3             | 8                |      |      |    |
|                                  | AQ..115/3                |     |       |              |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..140/1                | 140 | 110G7 | 16n6         | 165 | 5  |     | M10 | 162   | 21                | 16                | 24F7  | 50 | 27.3             | 8                |      |      |    |
|                                  | AQ..140/2                |     | 130G7 | 18n6         |     |    |     |     |       |                   |                   | 175   | 24 | 22               | 32F7             | 60   | 35.3 | 10 |
|                                  | AQ..140/3                |     |       | 22n6         |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |
|                                  | AQ..190/1                | 190 | 130G7 | 22n6         | 215 | 5  |     | M12 | 220.5 | 26                | 24                | 32F7  | 60 | 35.3             | 10               |      |      |    |
|                                  | AQ..190/2                |     | 180G7 | 28n6         |     |    |     |     |       |                   |                   | 244.5 | 39 | 34               | 38F7             | 80   | 41.3 | 10 |
|                                  | AQ..190/3                |     |       |              |     |    |     |     |       |                   |                   |       |    |                  |                  |      |      |    |

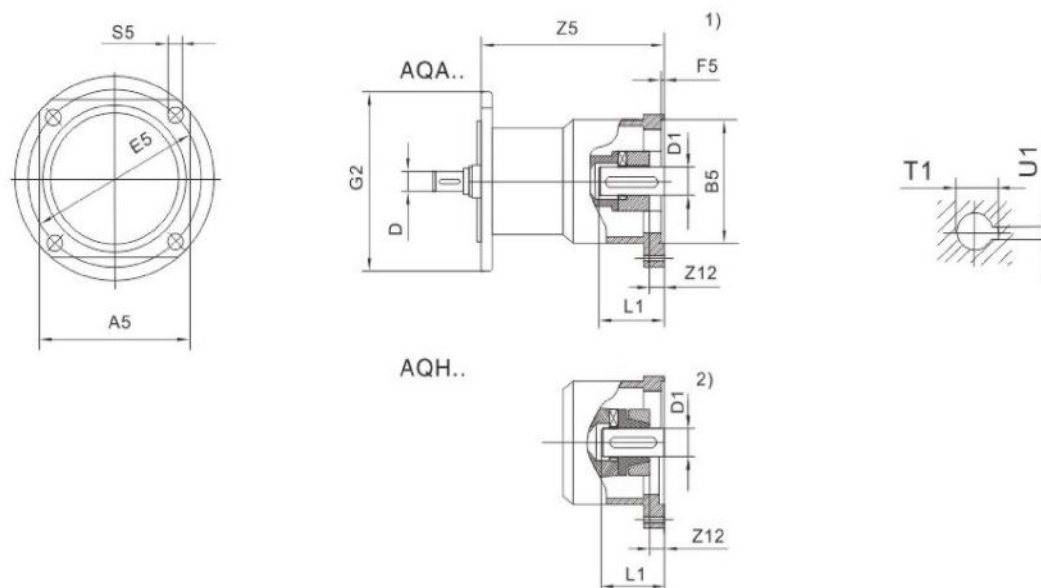
1)适用于键连接(AQA..)

2)适用于锁紧套连接(AQH..)

1)Applies to type with key way(AQA)

2)Applies to type with clamping ring hub (AQH)





| 减速机规格<br>Gear unit type          | 联接盘规格<br>Motor adcopator | A5  | B5    | D    | E5  | F5 | G2  | S5  | Z5    | Z12 <sup>1)</sup> | Z12 <sup>2)</sup> | D1   | L1   | T1   | U1 |
|----------------------------------|--------------------------|-----|-------|------|-----|----|-----|-----|-------|-------------------|-------------------|------|------|------|----|
| R..97<br>F..97<br>K..97<br>S..97 | AQ..140/1                | 140 | 110G7 | 16n6 | 165 | 5  | 300 | M10 | 157   | 21                | 16                | 24F7 | 50   | 27.3 | 8  |
|                                  | AQ..140/2                |     | 18n6  | 170  |     |    |     |     | 24    | 22                | 32F7              | 60   | 35.3 | 10   |    |
|                                  | AQ..140/3                |     | 130G7 | 22n6 |     |    |     |     |       |                   |                   |      |      |      |    |
|                                  | AQ..190/1                | 190 | 130G7 | 22n6 | 215 |    |     | M12 | 215.5 | 26                | 24                | 32F7 | 60   | 35.3 | 10 |
|                                  | AQ..190/2                |     | 180G7 | 28n6 |     |    |     |     | 239.5 | 39                | 34                | 38F7 | 80   | 41.3 |    |
|                                  | AQ..190/3                |     |       |      |     |    |     |     |       |                   |                   |      |      |      |    |
| R..107<br>F..107<br>K..107       | AQ..140/1                | 140 | 110G7 | 16n6 | 165 |    | 350 | M10 | 151   | 21                | 16                | 24F7 | 50   | 27.3 | 8  |
|                                  | AQ..140/2                |     | 18n6  | 164  |     |    |     |     | 24    | 22                | 32F7              | 60   | 35.3 | 10   |    |
|                                  | AQ..140/3                |     | 130G7 | 22n6 |     |    |     |     |       |                   |                   |      |      |      |    |
|                                  | AQ..190/1                | 190 | 130G7 | 22n6 | 215 |    |     | M12 | 209.5 | 26                | 24                | 32F7 | 60   | 35.3 | 10 |
|                                  | AQ..190/2                |     | 180G7 | 28n6 |     |    |     |     | 233.5 | 39                | 34                | 38F7 | 80   | 41.3 |    |
|                                  | AQ..190/3                |     |       |      |     |    |     |     |       |                   |                   |      |      |      |    |
| R..137                           | AQ..190/1                | 190 | 130G7 | 22n6 | 215 |    | 400 | M12 | 202.5 | -                 | 25                | 32F7 | 60   | 35.3 | 10 |
|                                  | AQ..190/2                |     | 180G7 | 28n6 |     |    |     |     | 226.5 | 39                | 34                | 38F7 | 80   | 41.3 |    |
|                                  | AQ..190/3                |     |       |      |     |    |     |     |       |                   |                   |      |      |      |    |
| R..147<br>F..127<br>K..127       | AQ..190/1                |     | 130G7 | 22n6 |     |    | 450 |     | 194.5 | 26                | 24                | 32F7 | 60   | 35.3 |    |
|                                  | AQ..190/2                |     | 180G7 | 28n6 |     |    |     |     | 218.5 | 39                | 34                | 38F7 | 80   | 41.3 |    |
|                                  | AQ..190/3                |     |       |      |     |    |     |     |       |                   |                   |      |      |      |    |

1)适用于键连接(AQA..)

1)Applies to type with key way(AQA)

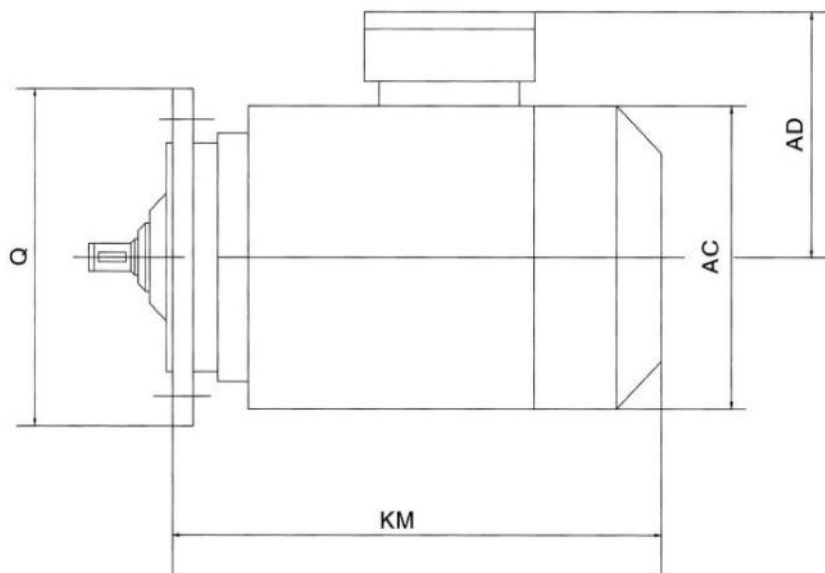
2)适用于锁紧套连接(AQH..)

2)Applies to type with clamping ring hub (AQH)

## 附件一：电机尺寸表/The size of motor

(仅作参考，以厂家实际尺寸为准)

(for reference only, based on manufacturer's actual size)



| 电机<br>型号    | Q<br>mm | 标准<br>KM<br>mm | YEJ<br>KM<br>mm | YVP<br>KM<br>mm | YVPJ<br>KM<br>mm | AD<br>mm | AC<br>mm |
|-------------|---------|----------------|-----------------|-----------------|------------------|----------|----------|
| Y63         | 120     | 221            | 275             | 290             | 330              | 70       | 130      |
|             | 160     | 210            | 264             | 279             | 319              |          |          |
|             | 200     | 200            | 254             | 269             | 309              |          |          |
| Y71         | 120     | 249            | 300             | 299             | 373              | 80       | 140      |
|             | 160     | 244            | 295             | 294             | 373              |          |          |
|             | 200     | 238            | 289             | 288             | 363              |          |          |
| Y80         | 120     | 271            | 330             | 327             | 418              | 145      | 175      |
|             | 160     | 265            | 324             | 321             | 418              |          |          |
|             | 200     | 259            | 318             | 315             | 418              |          |          |
|             | 250     | 254            | 313             | 310             | 385              |          |          |
| Y90S<br>(L) | 120     | 300            | 355             | 350             | 440              | 155      | 195      |
|             |         | 325            | 380             | 375             | 465              |          |          |
|             | 160     | 295            | 350             | 345             | 440              |          |          |
|             |         | 320            | 375             | 370             | 465              |          |          |

| 电机<br>型号 | Q<br>mm | 标准<br>KM<br>mm | YEJ<br>KM<br>mm | YVP<br>KM<br>mm | YVPJ<br>KM<br>mm | AD<br>mm | AC<br>mm |
|----------|---------|----------------|-----------------|-----------------|------------------|----------|----------|
| Y132ML   | 400     | 385            | 468             | 423             | 506              | 168      | 275      |
|          | 450     | 377            | 460             | 415             | 498              |          |          |
|          | 550     | 369            | 452             | 407             | 490              |          |          |
| Y160M    | 200     | 520            | 633             | 562             | 697              | 255      | 315      |
|          | 250     | 520            | 633             | 562             | 697              |          |          |
|          | 300     | 520            | 633             | 562             | 697              |          |          |
|          | 350     | 502            | 613             | 542             | 677              |          |          |
|          | 400     | 502            | 613             | 542             | 677              |          |          |
|          | 450     | 475            | 585             | 515             | 650              |          |          |
|          | 550     | 476            | 568             | 505             | 603              |          |          |
| Y160L    | 250     | 565            | 678             | 607             | 742              | 255      | 315      |
|          | 300     | 565            | 678             | 607             | 742              |          |          |

| 电机型号     | Q mm | 标准 KM mm | YEJ KM mm | YVP KM mm | YVPJ KM mm | AD mm | AC mm |
|----------|------|----------|-----------|-----------|------------|-------|-------|
| Y90S (L) | 200  | 287      | 342       | 337       | 440        | 155   | 195   |
|          |      | 312      | 367       | 362       | 465        |       |       |
|          | 250  | 283      | 338       | 333       | 415        |       |       |
|          |      | 308      | 363       | 358       | 440        |       |       |
|          | 300  | 291      | 342       | 346       | 402        |       |       |
| Y100     | 120  | 355      | 415       | 400       | 495        | 180   | 215   |
|          | 160  | 347      | 407       | 392       | 490        |       |       |
|          | 200  | 339      | 399       | 389       | 490        |       |       |
|          | 250  | 335      | 395       | 380       | 490        |       |       |
|          | 300  | 329      | 389       | 375       | 452        |       |       |
|          | 350  | 323      | 383       | 370       | 455        |       |       |
| Y112     | 160  | 380      | 440       | 420       | 520        | 190   | 240   |
|          | 200  | 371      | 431       | 411       | 520        |       |       |
|          | 250  | 366      | 426       | 406       | 520        |       |       |
|          | 300  | 361      | 421       | 401       | 470        |       |       |
|          | 350  | 355      | 415       | 395       | 470        |       |       |
| Y132S    | 160  | 420      | 490       | 460       | 580        | 210   | 275   |
|          | 200  | 408      | 478       | 448       | 580        |       |       |
|          | 250  | 403      | 473       | 443       | 580        |       |       |
|          | 300  | 398      | 468       | 438       | 580        |       |       |
|          | 350  | 392      | 462       | 432       | 545        |       |       |
|          | 400  | 385      | 455       | 425       | 543        |       |       |
|          | 450  | 369      | 439       | 409       | 543        |       |       |
| Y132M    | 160  | 458      | 528       | 498       | 618        | 210   | 275   |
|          | 200  | 446      | 516       | 486       | 618        |       |       |
|          | 250  | 441      | 511       | 481       | 618        |       |       |
|          | 300  | 436      | 506       | 476       | 618        |       |       |
|          | 350  | 430      | 500       | 470       | 583        |       |       |
|          | 400  | 423      | 493       | 463       | 581        |       |       |
|          | 450  | 407      | 477       | 447       | 581        |       |       |
|          | 450  | 407      | 477       | 447       | 581        |       |       |
| Y132ML   | 200  | 408      | 491       | 446       | 529        | 168   | 275   |
|          | 250  | 403      | 486       | 441       | 524        |       |       |
|          | 300  | 398      | 481       | 436       | 519        |       |       |
|          | 350  | 392      | 475       | 430       | 513        |       |       |

注意:

YEJ表示电机增加制动器后的KM值。

YVP表示电机为变频调速三相异步电动机时的KM值。

YVPJ表示电机为变频调速三相电动机并附带制动器式的KM值。

因空间限制对电机尺寸有要求时请向我公司咨询。

| 电机型号      | Q mm | 标准 KM mm | YEJ KM mm | YVP KM mm | YVPJ KM mm | AD mm | AC mm |
|-----------|------|----------|-----------|-----------|------------|-------|-------|
| Y160L     | 350  | 547      | 658       | 587       | 722        | 255   | 315   |
|           | 400  | 547      | 658       | 587       | 722        |       |       |
|           | 450  | 520      | 630       | 560       | 695        |       |       |
|           | 550  | 518      | 635       | 560       | 695        |       |       |
| Y180M (L) | 250  | 600      | 685       | 622       | 782        | 280   | 380   |
|           |      | 638      | 723       | 660       | 800        |       |       |
|           | 300  | 581      | 666       | 603       | 762        |       |       |
|           |      | 619      | 703       | 641       | 781        |       |       |
|           | 350  | 581      | 666       | 603       | 762        |       |       |
|           |      | 619      | 703       | 641       | 781        |       |       |
|           | 400  | 581      | 666       | 603       | 762        |       |       |
|           |      | 619      | 703       | 641       | 781        |       |       |
|           | 450  | 553      | 638       | 575       | 725        |       |       |
|           |      | 591      | 676       | 613       | 753        |       |       |
| Y200      | 300  | 665      | 795       | 730       | 859        | 305   | 420   |
|           | 350  | 665      | 795       | 730       | 859        |       |       |
|           | 400  | 654      | 782       | 717       | 852        |       |       |
|           | 450  | 654      | 782       | 717       | 852        |       |       |
| Y225S     | 300  | 716      | 858       | 770       | 900        | 335   | 470   |
|           | 350  | 680      | 847       | 756       | 886        |       |       |
|           | 400  | 680      | 847       | 756       | 886        |       |       |
|           | 450  | 674      | 840       | 750       | 880        |       |       |
|           | 550  | 669      | 830       | 745       | 875        |       |       |
| Y225M     | 300  | 741      | 883       | 795       | 925        | 335   | 470   |
|           | 350  | 702      | 872       | 781       | 911        |       |       |
|           | 400  | 702      | 872       | 781       | 911        |       |       |
|           | 450  | 696      | 865       | 775       | 905        |       |       |
|           | 550  | 691      | 860       | 770       | 900        |       |       |
| Y250M     | 400  | 785      | 932       | 839       | 992        | 370   | 510   |
|           | 450  | 790      | 936       | 831       | 984        |       |       |
|           | 550  | 785      | 931       | 823       | 976        |       |       |
| Y280      | 400  | 898      | 1054      | 943       | 1099       | 408   | 580   |
|           | 450  | 890      | 1046      | 935       | 1091       |       |       |
|           | 550  | 882      | 1038      | 927       | 1083       |       |       |
| Y315      | 660  | 1130     | 1286      | 1175      | 1331       | 530   | 635   |

Notes:

YEJ is the KM value for motor with brake.

YVP is the KM value for asynchronous motor with frequency.

YVPJ is the KM value for asynchronous motor with frequency and brake. if you have any special requirements, please contact us.



## 附件二：润滑油/LUBRICATION

### 2.1 概述

如果订货时没有商定特殊要求，公司将为您提供适用于减速器及其安装方式的润滑油进行润滑的传动机构。因为这个原因，所以请您在订货时指定与安装方式相关的参数（M1~M6，→“安装方式及重要的订货提供参数”章节）。在后期调整安装方式时，您必须根据改变后的安装方式相应调整加注润滑油（→润滑油注入量）。

### 2.2 滚动轴承润滑脂

减速器和电动机的滚动轴承在出厂时就加注了润滑脂。对于配有润滑油加注装置的滚动轴承，建议在更换机油时也更换润滑脂。下列润滑脂更换时参考：

### 2.1 General information

Unless a special arrangement is made, JIACHENG supplies the drives with a lubricant fill adapted for the specific gear unit and mounting position. The decisive factor is the mounting position (M1..M6, → Sec. "Mounting Positions and important Order Information") specified when ordering the drive. You must adapt the lubricant fill in case of any subsequent changes made to the mounting position (→ Lubricant fill quantities).

### 2.2 Anti-friction bearing greases

The lubricant table on the following page shows the permitted lubricants for JIACHENG gear units. Please note the following key to the lubricant table:

|         | 环境温度       | 制造厂家     | 型号                   | 润滑油类型 |
|---------|------------|----------|----------------------|-------|
| 减速器滚动轴承 | -20℃~+60℃  | Mobil    | Mobilux EP 2         | 矿物油   |
|         | -40℃~+80℃  | Mobil    | Mobiltemp SHC 100    | 合成油   |
| 电机滚动轴承  | -20℃~+80℃  | Esso     | Unirex EQ 3          | 矿物油   |
|         | -20℃~+60℃  | Shell    | Alvania RI3          | 矿物油   |
|         | +80℃~+100℃ | Kl ü ber | Barrierta L55/2      | 合成油   |
|         | -45℃~+25℃  | Shell    | Aero Shell Grease 16 | 合成油   |

需要下列润滑脂加注量

- 如果是高速运转的轴承(电动机和减速器输入端)：轴承腔中加入三分之一的润滑脂。
- 如果是低速运转的轴承(电动机和减速器输出端)：轴承腔中加入三分之二的润滑脂。

The following grease quantities are required:

For fast-running bearings (motor and gear unit input end): Fill the cavities between the folling elements one third full with grease.

For fast-running bearings (in gear units and at gear unit output end): Fill the cavities between the folling elements one third full with grease.

传动装置润滑油表  
Lubricant table

| 减速机型号<br>Gear unit<br>type | 6)<br>°C -50 0 +50 +100<br>Standard<br>-10 +40 | DIN (ISO)<br>CLP(CC)<br>CLP PG<br>CLP HC<br>CLP(CC)<br>HLP(HM)<br>CLP HC<br>HLP(HM)<br>CLP(CC)<br>CLP PG<br>CLP HC<br>HCE<br>E | ISO,NLGI       | Mobil®             | Shell                      | KLÜBER<br>KLOBER          | ARAL                | bp                   | Tribol          | TEXACO              | Optimel                  | FUCHS                  |
|----------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|----------------------------|---------------------------|---------------------|----------------------|-----------------|---------------------|--------------------------|------------------------|
| R...                       |                                                |                                                                                                                                | VG 220         | Mobilgear 630      | Shell Omala 220            | Kiüberoil GEM 1-220       | Aral Degol BG 220   | BP Energol GR-XP 220 | Tribol 1100/220 | Meropa 220          | Optigear BM 220          | Renolin CLP 220        |
|                            |                                                |                                                                                                                                | VG 220         | Mobil Glygoyle 30  | Shell Tivela HD 220        | Kiübersynth GH 6-220      | Aral Degol GS 220   | BP Enersyn SG-XP 220 | Tribol 800/220  | Synlube CLP 220     | Optiflex A 220           |                        |
|                            | 4)                                             | -40                                                                                                                            | VG 220         | Mobil SHC 630      | Shell Omala HD 220         | Kiübersynth EG 4-220      | Aral Degol PAS 220  |                      | Tribol 1510/220 | Pinnacle EP 220     | Optigear Synthetic A 220 | Renolin Unisyn CLP 220 |
|                            | 4)                                             | -40                                                                                                                            | VG 150         | Mobil SHC 629      | Shell Omala HD 150         | Kiübersynth EG 4-150      |                     |                      |                 | Pinnacle EP 150     |                          |                        |
| K...                       |                                                |                                                                                                                                | VG 150         | Mobilgear 627      | Shell Omala 100            | Kiüberoil GEM 1-150       | Aral Degol BG 100   | BP Energol GR-XP 100 | Tribol 1100/100 | Meropa 150          | Optigear BM 100          | Renolin CLP 150        |
|                            |                                                |                                                                                                                                | VG 68-46 VG 32 | Mobil D.T.E. 13M   | Shell Tellus T 32          | Kiüberoil GEM 1-68        | Aral Degol BG 46    |                      | Tribol 1100/68  | Rando EP Ashless 46 | Optigear 32              | Renolin B 46 HVI       |
|                            | 4)                                             | -40                                                                                                                            | VG 32          | Mobil SHC 624      |                            | Kiüber-Summit HySyn FG-32 |                     |                      |                 | Cetus PAO 46        |                          |                        |
|                            | 4)                                             | -40                                                                                                                            | VG 22 VG 15    | Mobil D.T.E. 11M   | Shell Tellus T 15          | Isoflex MT 30 ROT         |                     | BP Energol HLP-HM 15 |                 | Rando HDZ 15        |                          |                        |
| S...                       |                                                |                                                                                                                                | VG 680         | Mobilgear 636      | Shell Omala 680            | Kiüberoil GEM 1-680       | Aral Degol BG 680   | BP Energol GR-XP 680 | Tribol 1100/680 | Meropa 680          | Optigear BM 680          | Renolin CLP 680        |
|                            |                                                |                                                                                                                                | VG 680 1)      |                    | Shell Tivela S 680         | Kiübersynth GH 6-680      |                     | BP Enersyn SG-XP 680 | Tribol 800/680  | Synlube CLP 680     |                          |                        |
|                            | 4)                                             | -30                                                                                                                            | VG 460         | Mobil SHC 634      | Shell Omala HD 460         | Kiübersynth EG 4-460      |                     |                      |                 | Pinnacle EP 460     |                          |                        |
|                            | 4)                                             | -40                                                                                                                            | VG 150         | Mobil SHC 629      | Shell Omala HD 150         | Kiübersynth EG 4-150      |                     |                      |                 | Pinnacle EP 150     |                          |                        |
| R...,K...<br>F...,S...     |                                                |                                                                                                                                | VG 150 VG 100  | Mobilgear 627      | Shell Omala 100            | Kiüberoil GEM 1-150       | Aral Degol BG 100   | BP Energol GR-XP 100 | Tribol 1100/100 | Meropa 100          | Optigear BM 100          | Renolin CLP 150        |
|                            |                                                |                                                                                                                                | VG 220 1)      | Mobil Glygoyle 30  | Shell Tivela S 220         | Kiübersynth GH 6-220      |                     |                      | Tribol 800/220  | Synlube CLP 220     | Optiflex A 220           |                        |
|                            | 4)                                             | -25                                                                                                                            | VG 32          | Mobil SHC 624      |                            | Kiüber-Summit HySyn FG-32 |                     |                      |                 | Cetus PAO 46        |                          |                        |
|                            | 4)                                             | -30                                                                                                                            | VG 460         |                    | Shell Cassida Fluid GL 460 | Kiüberoil 4UH1-460 N      | Aral Eural Gear 460 |                      |                 |                     | Optileb GT 460           |                        |
| F27<br>R17<br>R27          |                                                |                                                                                                                                | VG 460         |                    |                            | Kiüberbio CA2-460         | Aral Degol BAB 460  |                      |                 |                     | Optisyn BS 460           |                        |
|                            |                                                |                                                                                                                                | 00             | Glygoyle Grease 00 | Shell Tivela GL 00         | Kiübersynth GE 46-1200    |                     |                      |                 | Multifak 6833 EP 00 |                          |                        |
|                            |                                                |                                                                                                                                | 000 - 0        | Mobilux EP 004     | Shell Alvania GL 00        |                           | Aralub MFL 00       | BP Energol LS-EP 00  |                 | Multifak EP 000     | Longtime PD 00           | Renolin SF 7 - 041     |
|                            |                                                |                                                                                                                                | DIN 51 818 5)  |                    |                            |                           |                     |                      |                 |                     |                          |                        |

注：以上表格中上色部分为合成油产品，空白为该品牌无此系列产品。

Notes: In the above table, the color part is synthetic products and the blank one means no this series products.





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